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U. S. DEPARTMENT OF COMMERCE / NATIONAL BUREAU OF STANDARDS / INSTITUTE FOR APPLIED TECHNOLOGY

January 15, 1966 Volume 15, Number 1

TECHNICAL TRANSLATIONS

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This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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A. Aerodynamics

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EXPERIMENTAL AND THEORETICAL RESULTS OF THE TRANSFER OF HEAT AT THE LEADING EDGE OF HIGHLY SWEPT WINGS IN HYPERSONIC REGIME. Paper presented at the Convention of the Study Group on Fluid Mechanics of the AGARD, Naples, 10-14 May 65. 24p (figs omitted) 9refs.
Order from SLA: $2.60 as TT-65-14406

Trans. of Office National d'Etudes et de Recherches Aerospatiales (France) 1965 rept. TT no. 217.

TT-65-14438 Field 1A

Gilinskii, S. M.; Lebedev, M. G.
ANALYSIS OF SUPERSONIC PERFECT GAS FLOW AROUND ELLIPTIC CYLINDERS. 8p, 5refs.
Order from SLA: $1.10 as TT-65-14438

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika, n3 p182-6 1965.
Another trans. is available from CFSTI or ETC HC$1.10 MF$0.50 as TT-65-63418, 8p.

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Lifshits, Yu. B.
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Order from SLA: $1.10 as TT-65-14552

Trans. of Inzhenernyi Zhurnal (USSR) v5 n1 p29-34 1965.
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Order from SLA: $1.60 as TT-65-14555

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Order from SLA: $1.10 as TT-65-14556

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Order from SLA: $1.60 as TT-65-14559

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Order from SLA: $1.10 as TT-65-14561

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Trans. of Akademiya Nauk SSSR. Izvestiya. Tekhnicheskaya Kibernetika, n2 p188-90 1965.

TT-65-62960 Field 1A, 20K

Livanov, K. K.
AXISYMMETRIC VIBRATIONS OF CYLINDRICAL SHELLS IN A SUPERSONIC GAS FLOW. 1965, 6p, 5refs.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-62960

Trans. of mono. Teoriya Obolochek i Plastin, Erevan, 1964 p641-5. Pub. as Vsesoyuznaya Konferentsiya po Teorii Obolochek i Plastin (no. 4). Trudy, Erevan, 1964 p641-5. Theory of Plates and Shells. All Union Conference on the Theory of Plates and Shells (no. 4) Erevan, 24-3 Oct 62. Proceedings.
Another trans. is available from SLA$ 1.10 as TT-64-30056.

TT-65-62973 Field 1A, 20K, 14B

Grigolyuk, E. I.; Lamper, R. E. Shandarov, L. G.
SOME THEORETICAL AND EXPERIMENTAL INVESTIGATIONS OF THE SELF-OSCILLATION OF CURVILINEAR PANELS IN A GAS FLOW. 1965, 5p, 2refs.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-62973

Trans. of mono. Teoriya Obolochek i Plastin, Erevan, 1964 p407-11. Pub. as Vsesoyuznaya Konferentsiya po Teorii Obolochek i Plastin (no. 4). Trudy, Erevan, 1964 p407-11.
Theory of Plates and Shells. All Union Conference on the Theory of Plates and Shells (no. 4) Erevan, 24-3 Oct 62. Proceedings.
Another trans. is available from SLA $1.10 as TT-65-13164.

TT-65-62975 Field 1A, 20K

Bagdasaryan, Zh. E.
STABILITY OF AN ORTHOTROPIC CYLINDRICAL SHELL IN A GAS FLOW. 1965, 8p, 5refs.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-62975

Trans. of mono. Teoriya Obolochek i Plastin, Erevan, 1964 p211-8. Pub. as Vsesoyuznaya Konferentsiya po Teorii Obolochek i Plastin (no. 4). Trudy, Erevan, 1964 p211-8. Theory of Plates and Shells. All Union Conference on the Theory of Plates and Shells (no. 4) Erevan, 24-3 Oct 62. Proceedings.

TT-65-63739 Field 1A, 20K

Movchan, A. I.; Movchan, A. A.
VIBRATION MODES IN SUPERSONIC PANEL FLUTTER. 1965, 6p, 7refs.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63739

Trans. of mono. Teoriya Obolochek i Plastin, Erevan, 1964 p695-701. Pub. as Vsesoyuznaya Konferentsiya po Teorii Obolochek i Plastin (no. 4). Trudy, Erevan, 1964 p695-701. Theory of Plates and Shells. All Union Conference on the Theory of Plates and Shells (no. 4) Erevan, 24-3 Oct 62. Proceedings.
Another trans. is available from SLA $1.10 as TT-65-13167.

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SOVIET RESEARCH ON FERTILIZERS. 2 Feb 65, 93p. JPRS-28596.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as TT-65-30261

Trans. of Agrokhimiya (USSR) n8 p3-17, 28-34, 49-56, 60-80, 114-20, 145-54 Aug 1964.
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CSIRO-Trans-7339.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-64102

Trans. of Chemicke Zvesti (Czechoslovakia) v18 p294-8 1964.

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Haack, M.
ON THE MOST FAVORABLE SUSPENSION OR SPRINGING OF THE TRACTOR SEAT ON PNEUMATIC-TIRED AGRICULTURAL TRACTORS WITH RIGID AXLES (Ueber die Guenstigste Gestaltung der Schleppersitzfederung bei Luftbereiften Ackerschleppern mit Starrer Hinterachse). 37p (figs refs omitted).
Order from SLA: $3.60 as TT-65-14146

Trans. of Landtechnische Forschung (West Germany) v3 n1 p1-13 1953.

TT-65-14147 Field 2C

Soehne, W.
SCREEN ANALYSIS OF SOIL CLODS AS A MEANS FOR THE EVALUATION OF THE QUALITY OF SOIL TILLING OPERATIONS (Kruemel - und Schollensiebanalyse als ein Mittel zur Beurteilung der Guete der Bodenbearbeitung). 10p (figs omitted) 1ref.
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Trans. of Landtechnische Forschung (West Germany) v4 n3 p79-81 1954.

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Marks, K.
STUDY OF THE POSSIBILITIES OF POWER LIFT CONTROL BASED ON DRIVING WHEEL SLIP. 9p (figs omitted) 2refs.
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Fischer-Schlemm, W. E.
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Trans. of Landtechnische Forschung (West Germany) v8 n4 p95-101 1958.

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Brenner, W. G.; Grimm, K.
CUTTING AND THROWING PROCESSES IN DRUM FIELD CHOPPERS. 25p (figs omitted) 14refs.
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Trans. of Landtechnische Forschung (West Germany) v13 n5 p142-50 1963.

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Dupuis, H.
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Order from SLA: $4.60 as TT-65-14196

Trans. of Grundlagen der Landtechnik (West Germany) n17 p5-16 1963.

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Wessel, J.
COMPARATIVE INVESTIGATIONS OF GRAVITATION AIR SIFTERS (Vergleichende Untersuchungen an Schwerkraftwindsichtern). 30p, 12refs.
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USE OF VIBRATIONS IN THROUGH LOOSENING OF COMPACT STONY SOILS. 5p.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v21 n3 p49-50 1963.

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Rid, H.
SOIL STRUCTURE AND THE CLASSIFICATION OF SOILS (Die Bodenstruktur und die Klassifizierung der Boeden). 16p (foreign text included) 2refs.
Order from SLA as TT-65-14399

Trans. of Landtechnik (West Germany) v19 n19 p704-8 1964.

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Lanz, H.
CONTROL OF HAY DRYING INSTALLATIONS MADE EASY (Ueberwachung von Heubelueftungsanlagen - Leicht Gemacht). 5p (foreign text included).
Order from SLA: $1.10 as TT-65-14635

Condensed trans. of Deutsche Landwirtschafts-Gesellschaft, Berlin. Mitteilungen. Special reprint (West Germany) n12 1964.

TT-65-14636 Field 2C

Segler, G.; Scheuermann, A.
REDUCTION OF THE FAN NOISE IN HAY DRYING INSTALLATIONS (Verminderung des Lueftergeraeusches an Heutrochnungsanlagen). 6p (foreign text included).
Order from SLA: $1.10 as TT-65-14636

Abstract trans. of Kampf dem Laerm (West Germany) n3 p1-4 1963.

TT-65-14698 Field 2C

Koopmans, J.
TOWER SILOS OR HARVESTORES. 8p (figs omitted) 8refs.
Order from SLA: $1.10 as TT-65-14698

Trans. of Landbouwdocumentatie (Netherlands) v20 n15 p516-23 1964.

TT-65-31199 Field 2C

USSR INDUSTRIAL DEVELOPMENT: SOVIET TRACTORS AND AGRICULTURAL MACHINERY NO. 205. 8 Jan 65, 22p. JPRS-30488.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31199

Trans. of Traktory i Selkhozmashiny (USSR) v35 n4 p17-9 37-9 1965.
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D. Agronomy and horticulture

TT-65-30285 Field 2D, 2E, 2A

VEGETABLE, FODDER, GRAIN, AND LIVESTOCK STUDIES. 5 Feb 65, 47p (figs omitted) 2refs. JPRS-28652.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-30285

Trans. of Vestnik Selskokhozyaistvennoi Nauki (USSR) v9 n11 p51-69, 75-9, 95-9, 117-9 1964.
Available copy will not permit fully legible reproduction.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

03 ASTRONOMY AND ASTROPHYSICS

A. Astronomy

TT-65-64327 Field 3A, 3B

Sharonov, V. V.
A PHOTOMETRIC INVESTIGATION OF THE PRESENCE OF OUTER LAYERS OF VOLCANIC ORIGIN ON THE MOON (Fotometricheskoe Issledovanie Voprosa o Nalichii na Lune Pokrovov Vulkanicheskogo Proiskhozhdeniia). Tr. by Robert D. Hill. Jun 65, 16p, 16refs. TC-917; AD-623 439.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 439

Trans. of Astronomicheskii Zhurnal (USSR) v42 n1 p136-44 1965.
Available copy will not permit fully legible reproduction.

B. Astrophysics

TT-65-14441 Field 3B

Khoroshavtsev, V. G.
COMPUTATION OF THE PARTIAL DERIVATIVES OF THE MOTION CHARACTERISTICS BY MEANS OF INITIAL CONDITIONS. 6p, 1ref.
Order from SLA: $1.10 as TT-65-14441

Trans. of Kosmicheskie Issledovaniya (USSR) v3 n3 p374-9 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from CFSTI or ETC HC$1.10, MF$0.50 as TT-65-63795, 6p.

TT-65-14569 Field 3B

Souffrin, S.
INFLUENCE OF INELASTIC COLLISIONS ON THE FUNCTION OF ELECTRON DISTRIBUTION IN ASTROPHYSICAL CONDITIONS. 25p, 18refs.
Order from SLA: $2.60 as TT-65-14569

Trans. of Annales d'Astrophysique (France) v28 n2 p399-411 1965.

TT-65-14576 Field 3B

Piccardi, G.; Bordi, S.; Cini, R.; Ficalbi, A.; Gabrielli, G.
P TEST AND POLARIZING FIELDS. 5p, 9refs.
Order from SLA: $1.10 as TT-65-14576

Trans. of Geofisica e Meteorologia (Italy) v13 n5/6 p107-8 1964.

C. Celestial mechanics

TT-65-14442 Field 3C

Laricheva, V. V.; Rein, M. V.
ON A METHOD OF CONSTRUCTING SOLUTIONS OF THE EQUATIONS OF PLANE PERTURBED MOTION OF CELESTIAL MECHANICS. 10p, 5refs.
Order from SLA: $1.10 as TT-65-14442

Trans. of Kosmicheskie Issledovaniya (USSR) v3 n3 p359-67 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from CFSTI or ETC HC$1.10, MF$0.50 as TT-65-63762, 10p.

04 ATMOSPHERIC SCIENCES

A. Atmospheric physics

TT-65-14340 Field 4A

Tseng, Ch'ing-ts'un.
THE PROCESS OF ADAPTATION AND PROCESS OF EVOLUTION OF ATMOSPHERIC MOVEMENTS. PT. 2. 18p (refs omitted).
Order from SLA: $1.60 as TT-65-14340

Trans. of Chi Hsiang Hsueh Pao (Chinese People's Republic) v33 n3 p281-8 1963.

TT-65-14445 Field 4A

Zagorodnikov, A. A.
SOME RESULTS OF MEASURING TURBULENCE IN A FREE PURE ATMOSPHERE BY A RADAR METHOD. 4p, 1ref.
Order from SLA: $1.10 as TT-65-14445

Trans. of Akademiya Nauk SSSR. Doklady, v156 n6 p1336-8 1964.
Other trans. are available from CFSTI or ETC HC$1.10, MF$0.50 as TT-65-63428, 4p; CFSTI as TT-65-60615 HC$1.00, MF$0.50 as Trans-F.55 and HC$1.00, MF$0.50 as TT-64-41356, JPRS-26086.

B. Meteorology

TT-65-14689 Field 4B

Cachera, P.
THOUGHTS ON RAINMAKING AND AN ANALYSIS OF A NEW LINE RESEARCH. 37p, 10refs.
Order from SLA: $3.60 as TT-65-14689

Trans. of Centre de Recherches et d'Essais de Chatou. Bulletin (France) n5 p3-27 1963.

05 BEHAVIORAL AND SOCIAL SCIENCES

A. Administration and management

TT-65-27648 Field 5A, 5B

Goldgamer, G. I.
DIE INFORMATORISCH-BIBLIOGRAFISCHE ARBEIT ALS WICHTIGE STUFE DER WISSENSCHAFTLICHEN FORSCHUNG. FS-DB 1651/61.
Order from FS as FS-DB 1651/61

Trans. in German of Sovetskaya Bibliografiya (USSR) n5 p11 1959.

TT-65-30389 Field 5A, 9B, 12B, 5C

HERALD OF THE ACADEMY OF SCIENCES USSR, VOL. 34, NO. 10, 1964: SELECTED ARTICLES. 25 Feb 65, 53p (figs omitted) JPRS-28890; N65-17491.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as TT-65-30389

Trans. of Akademiya Nauk SSSR. Vestnik, v34 n10 p3-14, 82-8, 105-7, 113-4, 121-2, 125-7, 133-4 1964.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-31240 Field 5A, 6E

Vitte, N.
PLANNING AND COORDINATION OF SOVIET SCIENCE.

10 Jun 65, 14p. JPRS-30563.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32240

Trans. from Meditsinskaya Gazeta (USSR) v28 p1 Feb 12, p3 Feb 19 1965 and from Pravda, Moscow (USSR) 25 Feb p1 1965.

TT-65-32060 Field 5A, 2D, 6M

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 206. 16 Aug 65, 103p, 130refs. JPRS-31564.
Order from CFSTI, SLA, or ETC: HC$4.00, MF$0.75 as TT-65-32060

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n5 p377-401, 407-14, 433-6, 459-62, 467-70 1965.

B. Documentation and information technology

TT-65-31935 Field 5B, 12B, 5I

Zinchenko, V. P.; Mayzel, N. I.; Fatkin, L. V.
QUANTITATIVE EVALUATION OF AN OPERATOR'S WORK IN INFORMATION RETRIEVAL. 6 Aug 65, 17p, 8refs. JPRS-31439.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31935

Trans. of Voprosy Psikhologii (USSR) v11 n3 p62-75 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32069 Field 5B

Kurth, R.
FACTORS INFLUENCING INTER-PLANT PROJECTS FOR PUNCH CARD ORGANIZATION IN INDUSTRY. 17 Aug 65, 10p, 1ref. JPRS-31573.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32069

Trans. of Statistische Praxis (East Germany) v20 n5 p214-7 1965.

C. Economics

TT-65-28310 Field 5C

Szmyt, B.
LE PROBLEME DE L'EFFICACITE ECONOMIQUE DES INVESTISSEMENTS DANS L'ECONOMIE DE L'EAU. CNRS-H/X-45; Org.179-16.
Order from CNRS as CNRS-65-H/X-45

Trans. in French of Unidentified Polish language mono. pub., 1964.

TT-65-28311 Field 5C

Szelagowsky, Z.
LA VALEUR DE L'EAU DANS L'ECONOMIE GENERALE ET LES BASES DE LA TARIFICATION DES EAUX COMME MATIERE PREMIERE. CNRS-H/X-46; Org.179-09.
Order from CNRS as CNRS-65-H/X-46

Trans. in French of Unidentified Polish language monos. pub., 1964.

TT-65-31680 Field 5C, 13F, 13C

Georgiev, A. G.; Groth, H.; Palkiewicz, J.; Zalki, T.; Dokic, M.
EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 385. 21 Jul 65, 51p. JPRS-31183.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-31680

Trans. of 5 articles from Bulgarian, East German, Polish, and Yugoslavian periodicals.

TT-65-32589 Field 5C, 5D, 5K

SUMMARY OF THE POLISH PROVINCIAL PRESS NO. 411. 22 Sep 65, 48p. JPRS-32096.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32589

Consists of full, partial or condensed translations or summaries based on all available Polish newspapers published 7-13 Sep 65 on political, sociological and economic subjects.

D. History, law and political science

TT-65-31637 Field 5D, 5C

HOC TAP (STUDIES): TRANSLATIONS NO. 6, 1965. 19 Jul 65, 153p, 29refs. JPRS-31139.
Order from CFSTI, SLA, or ETC: HC$5.00, MF$1.00 as TT-65-31637

Trans. of Hoc Tap (North Vietnam) n6 p1-79 1965.
For table of contents, see the 'Translated Tables of Contents' section of this issue.

TT-65-32583 Field 5D, 5C, 5K

CUBA: TRANSLATIONS NO. 305. 21 Sep 65, 38p. JPRS-32090.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32583

Translations of 7 selected articles from Jul/Aug 65 issues of various Cuban newspapers and periodicals.

TT-65-63402 Field 5D

Gesche, W.
OBSERVATIONS ON THE PRELIMINARY DRAFT OF A CONVENTION RELATING TO EUROPEAN PATENT LAW FROM THE STANDPOINT OF A GERMAN INDUSTRIAL ENTERPRISE. 26 Feb 65, 24p, 5refs.
Order from CFSTI, SLA, or ETC: HC$2.60, MF$0.50 as TT-65-63402

Trans. of Verein Deutscher Ingenieure. Zeitschrift (West Germany) v106 n12 p487-91 1964.

E. Human factors engineering

TT-65-28297 Field 5E

Decowski, E.
CONDITIONS DE TRAVAIL, DANS LES CABINES DE PONTS-ROULANTS. CNRS-H/X-30; Org.2-5211 M.72.
Order from CNRS as CNRS-65-H/X-30

Trans. in French of Ochrona Pracy (Poland) n4 p7-14 n.d.

I. Personnel selection, training and evaluation

TT-65-32228 Field 5I, 6E

Furmenko, I. P.
MEANS OF IMPROVING SYSTEMS OF TRAINING PHYSICIANS. 26 Aug 65, 7p, 1ref. JPRS-31733.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32228

Trans. of Zdravookhranenie Rossiiskoi Federatsii (USSR) v9 n5 p34-7 1965.

TT-65-64181 Field 5I, 5J

Zavalova, N. D.; Zukhar, V. P.; Petrov, Yu. A.
ON THE PROBLEM OF HYPNOPEDIA. 22 Sep 65, 12p, 15refs. FTD-TT-65-783; AD-622 456.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-622 456

Unedited rough draft trans. of Voprosy Psikhologii (USSR) v10 n2 p98-102 1964.

J. Psychology (Individual and group behavior)

TT-65-31936 Field 5J

Parachev, A. M.
INVESTIGATION OF THE LOGICAL SOLUTION TO THE PROBLEM OF DIGIT IDENTIFICATION. 6 Aug 65, 14p, 6refs. JPRS-31440.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31936

Trans. of Voprosy Psikhologii (USSR) v11 n3 p113-23 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32753 Field 5J, 6D

CONFERENCES AND SYPOSIA IN PSYCHOLOGY, CYBERNETICS, AND MEDICINE. 5 Oct 65, 55p. JPRS-32263.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as TT-65-32753

Translations of 13 selected articles from 1965 issues of various Russian journals.

K. Sociology

TT-65-32638 Field 5K, 6H

THE PRAVDA EDITORIALS: TRANSLATIONS NO. 510. 24 Sep 65, 15p. JPRS-32145.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32638

Trans. from Pravda, Moscow (USSR) 19-21 Sep p1 1965.

TT-65-32675 Field 5K

Sachsova, H.; Cap, V.; Ursuleanu, I.
EASTERN EUROPE: SOCIOLOGICAL TRANSLATIONS NO. 315. 29 Sep 65, 37p. JPRS-32184.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32675

Trans. of 5 selected articles from 1965 issues of Bulgarian, Czechslovakian, Polish and Rumanian periodicals and newspapers.

06 BIOLOGICAL AND MEDICAL SCIENCES

TT-65-32624 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 25. 24 Sep 65, 59p. JPRS-32131.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as TT-65-32624

Contains abstracts of journals from East European scientific and technical journals.
Available copy will not permit fully legible reproduction.

TT-65-32793 Field 6-

EAST EUROPEAN SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCE NO. 27. 7 Oct 65, 70p. JPRS-32303.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as TT-65-32793

Trans. of abstracts of articles from East European scientific and technical journals.

A. Biochemistry

NCH-201 858 Field 6A

Pirschle, K.
THE MICROSUBLIMATION OF INDIGO. 1965, 8p. ATS-62S85G.
Order from ATS: $9.65 as ATS-62S85G

Trans. of Biochemische Zeitschrift (Germany) v136 p403-10 1923.

TT-65-13963 Field 6A

Mester, L.; Moczar, E.; Medgyesi, G.; Laki, K.
ISOLATION OF THREE GLYCOPEPTIDES (FIBRINOGLYCOPEPTIDE A, B, AND C) FROM FIBRINOGEN (Isolement de Trois Glycopeptides (Fibrinoglycopeptide A, B et C) a Partir du Fibrinogene). 3p (figs refs omitted).
Order from SLA: $1.10 as TT-65-13963

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v256 n14 p3210-2 1963 (pub. by Gauthier-Villars et Cie., Paris)

TT-65-31960 Field 6A, 12B

Dechev, G.; Moskona, A.
OPTIMAL SELF-ADAPTATION OF METABOLIC PROCESSES IN THE CELL. 9 Aug 65, 8p. JPRS-31464.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31960

Trans. of Akademiya Nauk SSSR. Doklady, v162 n2 p447-50 1965.

TT-65-32020 Field 6A

Vorobev, V. I.; Ptysyn, O. B.
THE DUBNA SCHOOL OF PROTEIN AND NUCLEIC ACID RESEARCH. 11 Aug 65, 4p. JPRS-31524.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50

as TT-65-32020

Trans. of Akademiya Nauk SSSR, Vestnik, v35 n6 p122-3 Jun 1965.

TT-65-32094 Field 6A, 6C, 6S, 6E

Engelgardt, V. A.; Kiselev, L. L.; Georgiev, G. P.; Reydler, M. M.
SOVIET STUDIES IN MOLECULAR BIOLOGY, GENETICS, AND STRESS. 18 Aug 65, 58p. JPRS-31599.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.50 as TT-65-32094

Trans. of Priroda (USSR) v54 n5 p17-28, 32-6, 51-5 1965.

TT-65-32678 Field 6A, 6C, 6E, 6F, 6M, 6O, 6P, 6R, 8A

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: BIOMEDICAL SCIENCE NO. 5. 29 Sep 65, 36p. JPRS-32187.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32678

Trans. of abstracts of selected articles from 1962-64-65 issues of Communist Chinese scientific journals and of abstracts pertaining to Communist China published in various series of the Russian Referativnyi Zhurnal.

TT-65-32699 Field 6A, 6C, 6R

BIOPHYSICS: TRANSLATIONS (SELECTED) VOL. 10, NO. 4, 1965. 30 Sep 65, 24p, 81refs. JPRS-32209.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32699

Trans. of Biofizika (USSR) v10 n4 p619-24, 641-4, 699-700 1965.

TT-65-63213 Field 6A

Spirin, A. S.; Kisselev, N. A.; Shakulov, R. S.; Bogdanov, A. A.
STUDY OF THE STRUCTURE OF RIBOSOMERS: REVERSIBLE UNFOLDING OF THE RIBOSOMAL PARTICLES INTO RIBONUCLEOPROTEIN STRANDS AND A MODEL OF THE PACKING. Tr. by Z. Knowles. 8 Feb 65, 18p, 22refs. NIH-2-9-65.
Order from CFSTI, SLA, or ETC: HC$1.60, MF$0.50 as TT-65-63213

Trans. of Biokhimiya (USSR) v28 n5 p920-30 1963.

TT-65-63374 Field 6A

Engelhardt, W. A.; Sakov, N. G.
THE MECHANISM OF THE PASTEUR EFFECT (O Mekhanimzme Pasterovskogo Effekta). Tr. by R. Roberts. 1 Aug 47, 53p.
Order from CFSTI, SLA, or ETC: HC$5.60, MF$0.50 as TT-65-63374

Trans. of Biokhimiya, v8 n1 p9-36 1943.
Also available from SLA as RT-490.

TT-65-63758 Field 6A, 7C

Borisova, O. F.; Kiselev, L. L.; Surovaia, A. I.; Tumerman, L. A.; Frolova, L. Iu.
MACROMOLECULAR STRUCTURE OF TRANSPORT RIBONUCLEIC ACIDS IN SOLUTION (O Makromolekuliarnoi Strukture Transportnykh Ribonukleinovykh Kislot v Rastbore). 1965, 10p (figs omitted).
Available on loan from CFSTI as TT-65-63758

Trans. of Akademiya Nauk SSSR, Doklady, v159 n5 p1154-7 1964.
Document is not reproducible and is available from the Clearinghouse on loan only.

TT-65-64198 Field 6A, 6E

Vais, S. I.; Tarnopolskaya, A. M.
CONTENT OF SUGAR AND LACTIC ACID IN SALIVA OF CHILDREN WITH HEALTHY TEETH AND AT MULTIPLE CARIES. 22 Sep 65, 7p. FTD-TT-65-784; AD-622 475.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-622 475

Unedited rough draft trans. of Stomatologiya (USSR) v29 n1 p25-7 1951.

C. Biology

NCH-200 197 Field 6C

Khalameizer, M. B.
DENSITOMETER WITH CONTACTLESS INTEGRATOR (Densitometr s Beskontaktnym Integratorom). Mar 65, 7p, 1ref. RTS-2605.
Order from NLL: 10s as RTS-2605

Trans. of Akademiya Nauk SSSR, Vestnik, v33 n7 p80-3 1963.

NCH-201 345 Field 6C

Borodulina, O. D.
SOME DATA ON THE BIOLOGY OF THE ARGENTINE SILUS (ASCANIUS). Tr. by C. A. McLean. 1965, 20p, 15refs. MAFF-Trans-NS-59.
Order from NLL

Trans. of Voprosy Ikhtiologii (USSR) v4 n1 p68-81 1964.

NCH-202 200 Field 6C

Ali-Zade, A. A.
THE IMPORTANCE OF GIBBERELLIN IN ACTIVATING THE GROWTH PROCESSES OF TEA BUSHES AND IN INCREASING GREEN LEAF YIELD (Znachenie Gibberellin v Aktivirovanii Rostovykh Protsessiov Chianogo Kusta i Povyshenii Urozhaya Zelenogo Lista). 1965, 10p, 7refs. RTS-2703.
Order from NLL: 10s as RTS-2703

Trans. of mono. Gibberallin i ikh Deistvie na Raseniya, 1963 p275-8.

TT-65-30590 Field 6C

Zenishcheva, L. S.; Bezdek, V.; Paribok, T. A.; Kuznetsova, G. N.; Alekseeva-Popova, N. V.
CCC- (CHLOROCHOLINE CHLORIDE) USED FOR CEREAL GRAIN DAMPING-OFF AND TRACE ELEMENT DEFICIENCIES IN PLANT NUTRITION. 25 Mar 65, 32p, 38refs. JPRS-29289.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-30590

Trans. of Agrokhimiya (USSR) n9 p63-74, 98-105 1964.
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TT-65-31856 Field 6C

Lukyanenko, V. I.
COMPARATIVE CHARACTERISTICS OF HUMORAL FACTORS OF NATURAL IMMUNITY IN DOLPHINS PHOCAENA PHOCAENA. 2 Aug 65, 7p, 4refs. JPRS-31359.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31856

Trans. of Zhurnal Obshchei Biologii (USSR) v26 n3 p372-4 1965.

TT-65-32258 Field 6C, 6A

Gorbunova, N. A.; Troitskii, V. B.
CHANCE OF A DOG'S BLOOD COAGULATION SYSTEM WITH TRANSFUSION OF BK-8 PROTEIN BLOOD SUBSTITUTE. 30 Aug 65, 7p, 11refs. JPRS-31763.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32258

Trans. of Patologicheskaya Fiziologiya i Eksperimentalnaya Terapiya (USSR) v9 n3 p71-3 1965.

TT-65-32383 Field 6C

Gelifer, A. P.
EXPERIMENTAL DATA ON THE ACTION OF A NUMBER OF ORGANOPHOSPHORUS COMPOUNDS ON THE MOTOR FUNCTION OF THE INTESTINAL TRACT OF THE RABBIT. 7 Sep 65, 9p, 12refs. JPRS-31889.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32383

Trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v59 n5 p67-71 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32448 Field 6C, 6F, 6S

Sisakyan, N.
ADVANCES IN SPACE BIOLOGY. 13 Sep 65, 7p. JPRS-31954.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32448

Trans. from Krasnaya Zvezda (USSR) 3 Jul p6 1965.

TT-65-32603 Field 6C

Astaurov, B. L.
RECENT SOVIET ATTITUDE ON MENDELISM. 22 Sep 65, 15p, 4refs. JPRS-32110.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32603

Trans. of Priroda (USSR) v54 n3 p87-93 1965.

TT-65-32755 Field 6C, 22B

Nuzhdin, N. I.; Dozortseva, R. L.;
Pastushenko-Strelets, N. A.; Samokhvalova, N. S.
THE EFFECT OF COSMIC-FLIGHT FACTORS ON SEEDS OF THE SPINDLE-TREE. 5 Oct 65, 11p, 13refs. JPRS-32265.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32755

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v30 n4 p576-80 1965.

TT-65-63462 Field 6C

Tamura, S.; Kenmochi, K.
STUDIES ON AMINO ACID CONTENT OF RICE. PART 2. THE EFFECT OF THE PRESENCE OF CARBOHYDRATES DURING ACID HYDROLYSIS ON THE AMINO ACID DETERMINATION. Tr. by Hiroshi Murakami. 1965, 10p, 9refs.
Available on loan from CFSTI as TT-65-63462

Trans. of Nihon Nogei Kagakkai Shi (Japan) v37 p611-4 1963.
Document is not reproducible and is available from the Clearinghouse on loan only.

TT-65-63523 Field 6C

Tseliniker, Yu. L.
THE DETERMINATION OF THE FOLIAR MASS IN GROWING TREE STOCK WITHOUT LEAF-CUTTING (Opredelenie Listovoi Massi Drevostoev Bez Obryvaniya Listvi). Tr. by R. J. Zatorski. 1965, 15p (foreign text included) (figs omitted) 7refs. CSIRO-Trans-7053.
Order from CFSTI, SLA, or ETC: HC$1.60, MF$0.50 as TT-65-63523

Trans. of Botanicheskii Zhurnal (USSR) v48 n4 p557-63 1963.

TT-65-63524 Field 6C

Belyakova, Z. P.
THE DAILY COURSE OF CHLOROPHYLL CONTENT IN TOBACCO LEAVES (Sutochnaya Dinamika Soderzhaniya Khlorofilla v Listyakh Tabaka). Tr. by R. J. Zatorski. 1965, 9p (foreign text included) 8refs. CSIRO-Trans-6920.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63524

Trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Tabaka i Makhorki. Sbornik Nauchno-Issledovatelskikh Rabot (USSR) v153 p193-6 1963.

TT-65-63738 Field 6C

Klen, R.
SOME PROBLEMS IN PREPARATION AND PRESERVATION OF TISSUE. Tr. by Tatiana Boldyreff. 8 Jun 62, 22p.
Available on loan from CFSTI as TT-65-63738

Trans. of Ortopediya, Travmatologiya i Protezirovanie (USSR) v23 p16-23 1962.
Document is not reproducible and is available from the Clearinghouse on loan only.

TT-65-63963 Field 6C

Konstantinov, A. I.
THE EFFECT, ON ECHOLOCATION IN BATS, OF PARTIAL AND COMPLETE INHIBITION OF THE CEREBRAL CORTEX. Tr. by E. R. Hope. Aug 65, 5p, 14refs. DSIS-T-438-R; AD-621 255.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-621 255

Trans. of Akademiya Nauk SSSR. Doklady, v161 n4 p989-91 1965.

TT-65-63980 Field 6C

Goroshchenko, Yu. L.
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SUBDIVISIONOF TICKS BELONGING TO THE GENUS ARGAS LATR. (IXODOIDEA, ARGASIDAE). 1965, 6p (figs omitted) 6refs. NAMRU-Trans-106; NIH-4-48-64. Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63980

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TT-65-64098 Field 6C

Yunoshev, V.
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Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-64098

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D. Bionics

TT-65-31221 Field 6D

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Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-31221

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TT-65-31527 Field 6D

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BIOLOGY AND CYBERNETICS. 12 Jul 65, 7p. JPRS-31029.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31527

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Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31528

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TT-65-32095 Field 6D, 5D, 5B, 9B

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PRESENT STATUS AND SOME PROBLEMS OF THE USE OF CYBERNETICS IN SOVIET LEGAL PRACTICE. 18 Aug 65, 14p, 6refs. JPRS-31600.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32095

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TT-65-32287 Field 6D, 12B

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THE DEVELOPMENT OF CYBERNETICS AND DIALECTICS. 31 Aug 65, 15p, refs. JPRS-31792.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32287

Trans. of Voprosy Filosofii (USSR) v19 n7 p22-30 1965.

TT-65-32446 Field 6D, 5C

Grivinsh, T.
CYBERNETICS AND CONTROL OF THE NATIONAL ECONOMY. 13 Sep 65, 12p. JPRS-31952.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32446

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TT-65-32520 Field 6D, 6E, 6U

POLITICAL AND SOCIOLOGICAL INFORMATION ON NORTH VIETNAM: TRANSLATIONS NO. 211. 16 Sep 65, 21p. JPRS-32026.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32520

Contains summaries or translations of 5 selected articles from 1965 issues of various North Vietnamese newspapers.

TT-65-64196 Field 6D, 5I, 9B

Efimov, S.
THE TEACHER AND CYBERNETICS. 23 Sep 65, 10p. FTD-TT-65-1152; AD-622 473.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-622 473

Unedited rough draft trans. from Komsomolskaya Pravda (USSR) 9 Oct p3 1962.

E. Clinical medicine

TT-64-51561 Field 6E, 6I

Bazanov, N. V.; Albats, E. I.; Ivakina, V. N.
TRANSITION TO AN OVERALL DISPENSARY SYSTEM IN AN URBAN AREA; INFORMATION ON GENERAL MORBIDITY FOR THE CITY OF OREL (AND) DATA ON

INCREASE IN MEDICAL PERSONNEL IN RSFSR PUBLIC HEALTH SERVICE. Information on Public Health in the RSFSR. 10 Nov 64, 17p. JPRS-27305.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-64-51561

Trans. of Zdravookhranenie Rossiiskoi Federatsii (USSR) v8 n9 p8-11, 19-22, 40-3 1964.

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Berezin, I. P.; Epshten, I. M.; Kashchevskaya, L. A.
USE OF A GOLD-IRON ELECTRODE PAIR FOR THE ELECTROCHEMICAL RECORDING OF TISSUE OXYGEN IN VIVO. 28 Jun 65, 6p, 11refs. JPRS-30818.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31355

Trans. of Eksperimentalnaya Khirurgiya i Anesteziologiya (USSR) v9 n3 p18-9 1964.

TT-65-32329 Field 6E, 6R

Voytkevich, A. A.
NEWS IN THE FIELD OF RADIATION ENDOCRINOLOGY. 2 Sep 65, 6p. JPRS-31834.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32329

Trans. of Problemy Endokrinologii i Gormonoterapii (USSR) v11 n4 p125-6 1965.

TT-65-32333 Field 6E, 6O

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Order from CFSTI, SLA, or ETC: HC$4.00, MF$1.00 as TT-65-32333

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32540 Field 6E

Vishnevskii, A. A.; Tsukerman, B. M.
ELECTRIC PULSE THERAPY OF CARDIAC ARRHYTHMIA. 16 Sep 65, 22p, 34refs. JPRS-32046.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32540

Trans. of Klinicheskaya Meditsina (USSR) v43 n7 p5-19 1965.

TT-65-32623 Field 6E

EPIDEMIOLOGY REPORTS FROM THE WORLD PRESS NO. 12. 24 Sep 65, 28p. JPRS-32130.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32623

Contains world-wide press coverage of incidence and outbreaks of and factors related to human, animals, and plant diseases.
Available copy will not permit fully legible reproduction.

TT-65-62906 Field 6E

Kaufman, S. A.
TREATMENT OF CHEMORESISTANT GONORRHEA IN CHILDREN. ANTIRETICULAR CYTOTOXIC SERUM. (PRELIMINARY COMMUNICATION). Tr. by R. Roberts. 30 Jul 47, 6p.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-62906

Trans. of Pediatriya (USSR) v5 p15-9 1945.
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TT-65-62962 Field 6E

Frishman, R. L.; Gorin, M. G.
DIAGNOSTIC SIGNIFICANCE OF THE INVESTIGATION OF STOMACH IRRIGATION OF PATIENTS SUSPECTED OF HAVING CANCER OF THE STOMACH. Tr. by Zelda D. Knowles. 22 Sep 49, 18p.
Available on loan from CFSTI as TT-65-62962

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TT-65-63005 Field 6E

Vashkov, V. I.
DISINFECTION AND ITS ROLE IN THE SYSTEM OF MEASURES FOR THE LIQUIDATION AND REDUCTION OF INFECTIOUS DISEASES. Tr. by Charles T. Ostertag, Jr. Jun 65, 9p. ABL-Trans-1409; AD-619 401.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 401

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n8 p3-7 1964.
Another trans. is available from CFSTI HC$3.00, MF$0.75 in TT-64-51183, JPRS-26927.

TT-65-63024 Field 6E, 8F

Elkin, I. I.; Yashkul, V. K.
PROBLEMS OF EPIDEMIOLOGICAL GEOGRAPHY. I. INTRODUCTION. Tr. by Richard M. Koplen. Jun 65, 11p, 16refs. ABL-Trans-1424; AD-619 405.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 405

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n9 p55-9 1964.

TT-65-63027 Field 6E, 6M

Favorova, L. A.
CERTAIN THEORETICAL PROBLEMS CONCERNING THE EPIDEMIOLOGY OF INFECTIONS CAUSED BY CONDITIONALLY PATHOGENIC ORGANISMS. Tr. by Charles T. Ostertag, Jr. Jun 65, 9p, 6refs. ABL-Trans-1425; AD-619 423.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 423

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TT-65-63067 Field 6E, 6M

Korostelev, V. E.
PROBLEMS OF EPIDEMIOLOGY AT THE 14th ALL-UNION CONGRESS OF EPIDEMIOLOGISTS, MICROBIOLOGISTS AND INFECTIONISTS (Voprosi Epidemiologii na XIV Vsesoyuznom Sezde Epidemiologov, Mikrobiologov i Infektsionistov). 17 Feb 65, 9p. Trans-V-1988.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63067

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n12 p3-8 1964.
Available copy will not permit fully legible reproduction.

TT-65-63146 Field 6E, 6C

Goldenberg, M. A.
REPRODUCTION OF CERTAIN SYMPTOMS OF ATROPINE-INDUCED 'PSYCHOSIS' IN ANIMALS (Vosproizvenie Nekotorykh Simptomov Atropinnogo 'Psikhoza' u Zhivotnykh). Tr. by Wanda M. Feeley. 1965, 4p. NCMHI-57-2095.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63146

Trans. of Gosudarstvennyi Meditsinskii Institut, Novosibirsk. Trudy (USSR) v29 p3-6 1957.

TT-65-63205 Field 6E

Putsillo, M. V.; Rostotskaia, V. I.
SECTION OF THE CORPUS CALLOSUM IN ANIMALS WITH EXPERIMENTALLY PRODUCED HYDROCEPHALUS. Tr. by P. DePorte. 15 Jun 65, 7p, 7refs. NIH-6-17-65.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63205

Trans. of Problemy Sovremennoi Neirokhirurgii (USSR) n4 p36-43 1962.
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TT-65-63285 Field 6E

Shabad, A. L.
ON THE NATURE OF CONDYLOMA ACUMINATUM OF THE PENIS. Tr. by Charles T. Ostertag, Jr. Jul 65, 9p, 12refs. ABL-Trans-1457; AD-619 886.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 886

Trans. of Vestnik Dermatologii i Venerologii (USSR) v37 n9 p53-6 1963.
Available copy will not permit fully legible reproduction.

TT-65-63287 Field 6E, 6O

Drozdov, S. G.
A SIMPLE METHOD FOR CULTIVATING FRAGMENTS OF NORMAL AND TUMOROUS TISSUES. Tr. by Charles T. Ostertag, Jr. Jul 65, 6p, 6refs. ABL-Trans-1460; AD-619 890.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 890

Trans. of Voprosy Virusologii (USSR) v8 n5 p630-1 1963.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-63352 Field 6E, 6M

Sirotyuk, L. V.
BIOLOGICAL PROPERTIES OF THE NIIEG TULAREMIA VACCINAL STRAINS. 25 Jun 65, 10p, 4refs. FTD-TT-65-735; AD-620 134.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 134

Unedited rough draft trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n10 p116-20 1964.

TT-65-63518 Field 6E, 6C

Shikhobalova, N. P.; Leikina, E. S.
CERTAIN PROBLEMS OF IMMUNITY IN HELMINTHOLOGY (Nekotore Problemy Immuniteta v Gelmintologii). Tr. by R. J. Zatorski. 1965, 24p (foreign text included) 16refs. CSIRO-Trans-7162.
Order from CFSTI, SLA, or ETC: HC$2.60, MF$0.50 as TT-65-63518

Trans. of Akademiya Nauk SSSR. Izvestiya. Seriya Biologicheskaya, v28 n4 p504-13 1963.

TT-65-63608 Field 6E, 6B

Zhirmunskaya, E. A.; Ioselevich, F. M.
EFFECT OF VESTIBULAR IRRITATION ON ELECTRICAL ACTIVITY OF THE CORTEX AND BASAL AREAS OF THE BRAIN. 18 Aug 65, 24p, 7refs. FTD-TT-65-410; AD-620 503.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 503

Unedited rough draft trans. of Vestnik Oto-Rino-Laringologii (USSR) v13 n2 p17-24 1951.

TT-65-64141 Field 6E

Soboleva, V. I.
INFLUENCE OF GENERAL CHILLING AND HIBERNATION ON THE RESTORATION OF VITAL FUNCTIONS IN ANIMALS AFTER CLINICAL DEATH DUE TO ACUTE LOSS OF BLOOD. 28 Sep 65, 14p, 17refs. FTD-TT-65-674; AD-622 350.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-622 350

Unedited rough draft trans. of Patologicheskaya Fiziologiya i Eksperimentalnaya Terapiya (USSR) v6 n1 p28-33 1962.
Another trans. is available from CFSTI or SLA $5.60, in TT-62-24248, 57p.

F. Environmental biology

TT-65-61924 Field 6F, 6S, 6C

Delone, N. L.; Bykovskii, V. F.; Antipov, V. V.
DISTURBANCES OF THE MITOSIS MECHANISM IN MICROSPORES OF TRADESCANTIA PALUDOSA INDUCED BY DIFFERENT FLIGHT LENGTHS ON SPACESHIP VOSTOK - 5 (Vozniknovenie Narushenii Mekhanizmamitoza v Mikrosporakh Tradescantia Paludosa Pod Vliyaniem Razlichnoi Prodolzhitelnosti Poleta na Korablesputnike Vostok 5). 15 Jan 65, 9p. NASA-TT-F-9627; ST-SB-10275; N65-15163.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as N65-15163

Trans. of Akademiya Nauk SSSR. Doklady, v159 n2 p439-41 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

H. Food

NCH-200 522 Field 6H

Korneev, I.; Fedorov, N.; Rogov, I.; Zhadan, V.; Martynova, L.
THE ACTION OF INFRA-RED IRRADIATION ON THE MICROFLORA OF SAUSAGE GOODS BY THE CALCULATION OF MOISTURE FORMATION ASSOCIATED WITH AIR CONDITIONING IN SAUSAGE

PRODUCTION. 1965, 9p, 2refs. NLL-M.5647.
Order from NLL as M.5647

Trans. of Myasnaya Industriya SSSR, v35 n4 p43-8 1964.

NCH-200 525 Field 6H

Mikheeva, G. A.
THE QUESTION OF THE MICROSTRUCTURE OF CERTAIN CHEESES. 1965, 8p. NLL-M.5643.
Order from NLL as M.5643

Trans. of Moscow. Tekhnologicheskii Institut Miasnoi i Molochnoi Promyshlennosti. Trudy, n3 p115-20 1955.

NCH-201 916 Field 6H

Simonova, I. N.; Davydova, L. K.
A REFRACTOMETRIC METHOD OF DETERMINING THE FAT CONTENT OF HERRING. Tr. by C. A. McLean. 1965, 5p. MAFF-Trans-NS-63.
Order from NLL

Trans. of Rybnoe Khozyaistvo (USSR) v40 n12 p64-7 1964.

NCH-202 305 Field 6H

Krylova, N.; Solntseva, G.
DETERMINATION OF THE CONTENT OF TRYPTOPHANE IN MUSCLE TISSUE. 1965, 3p, 4refs. NLL-M.5770.
Order from NLL as M.5770

Trans. of Myasnaya Industriya SSSR, v36 n2 p56-7 1965.

NCH-202 406 Field 6H

Narusawa, T.
COLOR IMPROVEMENT OF MEAT PRODUCTS. 1965, 4p. ATS-62S86J-a,b.
Order from ATS: $7.00 as ATS-62S86J-a,b

Trans. of Patent (Japan) pub. 39-25 637.
Patented by Chiyoda Kagaku-Kogyo-sho (Chiyoda Institute of Industrial Chemistry) Co., Ltd. Pub. 13 Nov 64, Application No. 39,838 (1961). Appl filed 2 Nov 61.

TT-65-32336 Field 6H, 2A

STUDIES ON NUTRITION HYGIENE AND AGRICULTURE USE OF CHEMICAL POISONS. 2 Sep 65, 14p. JPRS-31841.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32336

Trans. of Voprosy Pitaniya (USSR) v24 n3 p83-4, 87-91 1965.

TT-65-32391 Field 6H, 2B, 2D

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 388. 7 Sep 65, 38p. JPRS-31897.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32391

Contains translations of 4 selected articles from 1965 issues of Bulgarian and Yugoslavian periodicals.

TT-65-63760 Field 6H, 6A

Soloviev, V. I.; Shchegoleva, O. P.; Agapova, Z. A.
ON THE INITIAL STAGE OF PROTEOLYSIS OF THE ALBUMEN FRACTIONS OF MYOSIN TAKING PLACE IN THE PROCESS OF RIPENING OF MEAT. Tr. by Werner A. Muller. 1965, 15p, 19refs.
Available on loan from CFSTI as TT-65-63760

Trans. of Biokhimiya (USSR) v29 n3 p393-8 1964.
Document is not reproducible and is available from the Clearinghouse on loan only.

TT-65-64103 Field 6H

Ryutov, D. G.
HOW TO REDUCE LOSSES AND IMPROVE THE QUALITY OF REFRIGERATED FOODSTUFFS. Tr. by J. A. Collins. 1965, 18p (foreign text included). CSIRO-Trans-7347.
Order from CFSTI, SLA, or ETC: HC$1.60, MF$0.50 as TT-65-64103

Trans. of Kholodilnaya Tekhnika (USSR) n4 p10-5 1964.

J. Industrial (occupational) medicine

NCH-201 973 Field 6J

Filippova, M. P.
THE WORK OF THE CENTRAL COMMISSION FOR THE PREVENTION OF SILICOSIS. 1965, 9p.
NCB-A.2391/SEH.
Order from NLL

Trans. of Akademiya Nauk SSSR. Institut Gornogo Dela. Trudy, n21 p195-205 1963.

NCH-202 331 Field 6J

Pazolowa, B.
THE INFLUENCE OF CADMIUM OXIDE AND NICKEL SALTS ON THE UPPER RESPIRATORY TRACTS.
Jul 65, 11p (foreign text included). NLL-M.5744.
Order from NLL as M.5744

Trans. of Medycyna Pracy (Poland) v14 n5 p407-11 1963.

TT-65-31406 Field 6J, 7A

Pavlovskaya, N. A.
EXTRACTIONAL COLORIMETRIC DETERMINATION OF SMALL AMOUNTS OF THORIUM IN THE ATMOSPHERE.
1 Jul 65, 5p. JPRS-30907.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31406

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v8 n9 p59-60 1964.

M. Microbiology

NCH-201 873 Field 6M

Sawada, Y.; Tanaka, K.; Hirano, M.; Sato, M.; Miyamoto, J.
STUDIES ON THE COBALT METABOLISM OF MICRO-ORGANISMS. PART 2. ABSORPTION OF COBALT BY ASPERGILLUS ORYZAE AND BACILLUS NATTO. 1965, 6p. ATS-52S85J.
Order from ATS: $9.25 as ATS-52S85J

Trans. of Nihon Kagaku Zasshi (Japan) v76 n3 p274-7 1955.

NCH-202 316 Field 6M, 6H

Ivanova, S. I.; Goftarsh, M. M.
METHODS OF MICROBIOLOGICAL INVESTIGATION OF

SALTED HERRINGS. 1965, 4p. NLL-M.5757.
Order from NLL as M.5757

Trans. of Rybnoe Khozyaistvo (USSR) v41 n4 p57-8 1965.

TT-65-30346 Field 6M, 11E

Sokolov, V. B.; Volf, L. A.; Markovich, A. V.; Vlodavets, V. V.
ANTIBACTERIAL ACTION IN SYNTHETIC FIBERS AND B. PRODIGIOSUM AS A BACTERIAL AEROSOL MODEL. 16 Feb 65, 16p, 17refs. JPRS-28784.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-30346

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n11 p54-8, 65-8 1964.

TT-65-31372 Field 6M

Melnik, M. N.; Birkovskii, Yu. E.
STATUS OF THE WORK OF SANITARY-BACTERIOLOGICAL LABORATORIES IN THE UKRAINIAN SSR AND IMMEDIATE TASKS. 29 Jun 65, 8p. JPRS-30851.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31372

Trans. of Laboratornoe Delo (USSR) n5 p313-20 1965.

TT-65-32729 Field 6M

Vashkov, V. I.; Skachkov, N. I.
MOTORCYCLE-MOUNTED DISINFECTING UNIT. 4 Oct 65, 7p. JPRS-32239.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32729

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n8 p27-30 1965.

TT-65-63006 Field 6M

Belyaev, E. I.
STUDY OF THE CYTOTOXIC EFFECT OF STAPHYLOCOCCUS TOXIN ON TISSUE CULTURE. REPORT I. SELECTION OF A TISSUE CULTURE, MOST SENSITIVE TO THE ACTION OF STAPHYLOCOCCUS TOXIN. Tr. by Charles T. Ostertag, Jr. Jun 65, 8p, 7refs. ABL-Trans-1422; AD-619 402.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 402

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n10 p32-7 1964.

TT-65-63025 Field 6M

Zhalko-Titarenko, V. P.
EXPERIMENTAL STUDY OF POLYDISPERSIVE BACTERIAL AEROSOLS. REPORT I. THEORY OF THE METHOD FOR DETERMINING THE SURVIVAL OF MICROORGANISMS IN A POLYDISPERSIVE BACTERIAL AEROSOL. Tr. by Charles T. Ostertag, Jr. Jun 65, 11p, 14refs. ABL-Trans-1408; AD-619 406.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 406

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n10 p61-6 1964.

TT-65-63066 Field 6M

Volkova, Z. M.; Vygodchikov, G. V.; Korn, M. Ya.; Gilgut, E. A.; Samsonova, V. S.
TOXIOGENESIS OF C1. PERFRINGENS. REPORT I. A STUDY OF C1. PERFRINGENS MORPHOLOGY AND DYNAMICS OF TOXIN FORMATION ON SEMISYNTHETIC NUTRITIVE MEDIA (Toksinogenez C1. Perfringens. Soobshchenie I. Izuchenie Morfologii C1. Perfringens i Dinamiki Toksinoobrazovaniya na Polusinteticheskikh Pitatelnykh Sredakh). 2 Feb 65, 7p, 11refs. Trans-V-1989.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63066

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v41 n12 p43-8 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
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TT-65-63221 Field 6M

Ilyutovich, A. Yu.; Raikis, B. N.; Labetskii, I. I.
IMMUNOGENESIS PECULIARITIES IN GUINEA PIGS IRRADIATED AFTER THE VACCINATION WITH SORBED TETANUS TOXOID (Osobennosti Immuniteta u Morskikh Svinok, Obluchennykh Posle Vaktsinatsii Sorbirovannym Stolbnyachnym Anatoksinom). 14 Apr 65, 5p (figs omitted) 10refs. Trans-V-2004.
Available on loan from CFSTI as TT-65-63221

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TT-65-63430 Field 6M

Pokrovskii, V. N.
THE MECHANISM OF THE MUTAGENIC ACTION OF 5-BROMURACIL. REPT. NO. 2. CHROMATOGRAPHIC ANALYSIS OF RIBONUCLEIC ACID OF S. TYPHIMURIUM 70, GROWN IN THE PRESENCE OF 5-BROMURACIL. Tr. by A. N. Vildzius. 6 Aug 65, 6p, 11refs. NIH-8-17-65.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63430

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Kuchaeva, A. G.; Krasilnikov, N. A.; Gesheva, R. L.; Taptykova, S. D.; Smirnova, L. M.
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Order from CFSTI, SLA, ETC: HC$1.60, MF$0.50 as TT-65-63548

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TT-65-63604 Field 6M

Zhalko-Titarenko, V. P.
AN EXPERIMENTAL STUDY OF POLYDISPERSE BACTERIAL AEROSOLS. REPT. II. DETERMINATION OF THE CHIEF PARAMETERS OF THE POLYDISPERSE SYSTEM FOR A CALCULATION OF THE SURVIAL OF PATHOGENS. Tr. by Charles T. Ostertag, Jr. Jun 65,

13p, 1ref. ABL-Trans-1451; AD-620 498.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 498

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TT-65-63606 Field 6M

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IMMUNOBIOLOGICAL EFFECTIVENESS OF THE ASSOCIATED PLAGUE, TULAREMIA AND BRUCELLOSIS VACCINES IN VARIOUS METHODS OF CUTANEOUS APPLICATION. Tr. by Charles T. Ostertag, Jr. Jul 65, 13p, 3refs. ABL-Trans-1462; AD-620 500.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 500

Trans. of Zhurnal Mikrobiologii, Epidemiologii i Immunobiologii (USSR) v42 n1 p14-21 1965.
Another trans. is available from CFSTI or ETC; HC$2.00, MF$0.50 in TT-65-30807, JPRS-29733.

TT-65-63607 Field 6M, 6E

Tarasevich, I. V.; Kulagin, S. M.; Kudryashova, N. I.; Gopachenko, I. M.; Somov, G. P.
NATURAL FOCUS OF TSUTSUGAMUSHI FEVER. Tr. by Charles T. Ostertag, Jr. Jun 65, 12p, 18refs. ABL-Trans-1399; AD-620 501.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 501

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O. Pharmacology

NCH-200 275 Field 6O

Perelman, Ya. M.
POTENTIOMETRIC TITRATION OF SOME SALTS OF ALKALOIDS AND SYNTHETIC BASES (Potentsiometricheskoe Titrovanie Nekotorykh Solei Alkaloidov i Sinteticheskikh Osnovanii). Jan 65, 24p, 16refs. RTS-2729.
Order from NLL: 40s as RTS-2729

Trans. of Leningradskii Institut Farmatsevcheskii. Sbornik Nauchnykh Trudov, v2 p38-55 1957.

NCH-201 894 Field 6O

Tsutomu Ohashi.
STUDIES ON THE CONSTITUENTS OF RHIZOMA NUPHARIS. PARTS 14 AND 15. CONSTITUTION OF NUPHARAMINE. 1965, 18p, 10refs. NRC-TT-1177; NRC-C-5379.
Order from NCR: $1.00 as C-5379

Trans. of Yakugaku Zasshi (Japan) v79 n6 p729-37 1959.

NCH-202 445 Field 6O, 6E

Fischer, K.
CONTRIBUTION TO THE DRUG TREATMENT OF CORONARY INSUFFICIENCY. 1965, 8p. ATS-03S86G.
Order from ATS: $11.25 as ATS-03S86G

Trans. of Medizinische Klinik (West Germany) v60 n21 p847-51 1965.

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Otsuka, A.; Chikushi, Y.
PROPRIETES INTERFACIALES DU GEL SILICATE D'ALUMINIUM SYNTHETIQUE. I. EFFET DU pH SUR L'ADSORPTION DES AMINES A PARTIR DE SOLUTIONS ACQUEUSES. 11p, 6refs. CNRS-XXI-601.
Order from ETC: $1.60 as TT-65-27937

Trans. in French of Yakugaka Zasshi (Japan) v83 n3 p244-8 1963.
Also available from CNRS.

TT-65-32247 Field 6O, 7A

Ena, M. H.
THE DEVELOPMENT OF THE CHEMICAL-PHARMACEUTICAL INDUSTRY IN THE UKRAINIAN SSR. 27 Aug 65, 12p, 13refs. JPRS-31752.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32247

Trans. of Farmatsevtychnyi Zhurnal (USSR) v20 n3 p76-82 1965.

TT-65-32428 Field 6O

Batrak, G. E.
URGENT PROBLEMS IN THE TEACHING OF PHARMACOLOGY. 9 Sep 65, 10p. JPRS-31934.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32428

Trans. of Farmakologiya i Toksikologiya (USSR) v28 n3 p368-71 1965.

TT-65-62746 Field 6O, 6P

Starkenstein, E.
ON THE PHARMACOLOGICAL INFLUENCE OF THE KIDNEY FUNCTION (Uber Die Pharmakologische Beeinflussung Der Nierenfunktion). May 65, 4p. NASA-TT-F-9340; N65-22622.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as N65-22622

Trans. of Naunyn-Schmiedebergs Archiv fur Experimentelle Pathologie und Pharmakologie (West Germany) v92 n1 p2-3 1922.

TT-65-63965 Field 6O, 6P

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PHARMACOLOGY OF THE CORONARY CIRCULATION. 1965, 208p, 631refs. N65-31146; NASA-TT-F-336.
Order from CFSTI, SLA, or ETC: HC$6.00, MF$1.25 as N65-31146

Trans. of mono. Farmakologiya Koronarnogo Krovoobrashcheniya, Moscow, 1963.

P. Physiology

NCH-200 188 Field 6P

Vodolazskii, L. A.; Zolina, Z. M.; Kosilov, S. A.
ELECTROMYOGRAPHIC INVESTIGATIONS OF MUSCLE ACTIVITY IN MAN DURING CONTINUOUS INDUSTRIAL WORK (Elektromiographicheskie Issledovaniya Myshechnoi Deiatelnosti Cheloveka pri prodolzhitelnoi

Proizvodstvennoi Rabote). Feb 65, 14p, 8refs. RTS-2320. Order from NLL: 20s as RTS-2320

Trans. of Fiziologicheskii Zhurnal SSSR, v45 n9 p1045-52. See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-31365 Field 6P, 14C, 5G

Morozov, V. P.
A METHOD FOR SIMULTANEOUS RECORDING OF RESPIRATORY MOVEMENTS AND SPEECH SOUNDS ON THE SAME MAGNETIC TAPE. 29 Jun 65, 2refs. JPRS-30844.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31365

Trans. of Fiziologicheskii Zhurnal SSSR, v50 n6 p762-4 1964. See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-31367 Field 6P, 6C

Lange, K. A.; Kashkin, N. I.; Likharev, I. M.
RECENT DEVELOPMENTS IN HUMAN AND ANIMAL PHYSIOLOGY. 29 Jun 65, 15p. JPRS-30846.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31367

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TT-65-31525 Field 6P

P'eng Chia-mu.
COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 195. 12 Jul 65, 41p. JPRS-31027.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-31525

Trans. of Sheng Li K'o Hsueh Chin Chan (Chinese People's Republic) v6 n4 p299-311, 318-22 1964.

TT-65-32043 Field 6P

BIOPHYSICS AND PHYSIOLOGY TRANSLATIONS.
13 Aug 65, 26p, 39refs. JPRS-31547.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32043

Trans. of Akademiya Nauk SSSR. Doklady, v162 n3 p688-93, 713-8 1965.

TT-65-32240 Field 6P

SOVIET STUDIES IN EXPERIMENTAL PHYSIOLOGY.
27 Aug 65, 19p, 32refs. JPRS-31745.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32240

Trans. of Byulleten Eksperimentalnoi Biologii i Meditsiny (USSR) v59 n7 p7-12, 64-6, 95-8 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-32256 Field 6P

Sirotinin, M. M.
VARIATIONS OF ACCLIMATIZATION AT HIGH ALTITUDE.
30 Aug 65, 11p, 34refs. JPRS-31761.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32256

Trans. of Fiziologichnyi Zhurnal (USSR) v11 n3 p283-8 1965.

TT-65-32259 Field 6P, 6I

Vainer, E. L.; Shostenko, Yu. V.; Simon, I. S.; Bachev, A.; Voievodin, E. N.
PRODUCTION AND DISTRIBUTION OF MEDICINES AND MEDICAL INSTRUMENTS. 30 Aug 65, 21p, 26refs. JPRS-31764.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32259

Trans. of Meditsinskaya Promyshlennost SSSR, v19 n4 p28-30, 40-4, 59-64 1965.

TT-65-32260 Field 6P

Kanchukh, Sh. F.; Radzinskaya, R. A.; Voevodin, E. N.
SOME DATA ON THE PRODUCTION OF DRUGS IN POLAND (AND) THE PHARMACEUTICAL INDUSTRY OF ITALY. Data on the Pharmaceutical Industry in Poland and Italy.
30 Aug 65, 15p, 16refs. JPRS-31765.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32260

Trans. of Meditsinskaya Promyshlennost, SSSR, v19 n5 p58-63 1965.

TT-65-32510 Field 6P

Severin, S. E.; Gelman, N. S.; Lukoianova, M. A.
ACTIVE MAINTENANCE OF PHYSIOLOGICAL FUNCTIONS (AND) STRUCTURE AND FUNCTION OF BIOLOGICAL MEMBRANES. Cellular Biology. 15 Sep 65, 27p. JPRS-32016.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32510

Trans. of Akademiya Nauk SSSR. Vestnik, v35 n7 p42-58, 94-5 Jul 1965.

TT-65-32783 Field 6P, 6E, 5A

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 223. 6 Oct 65, 17p. JPRS-32293.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32783

Contains summaries or translations of selected articles on Communist China's science and technology.

TT-65-63911 Field 6P, 6E

Botvinnikov, B. A.; Ginzburg, I. Sh.; Gramenitskii, P. M.; Ivanov, G. I.; Ivchenko, O. I.
INFLUENCE OF ELEVATED INTRAPULMONARY PRESSURE ON RESPIRATION AND CIRCULATION.
17 Jun 65, 72p, 11refs. FTD-TT-65-154; AD-620 970.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.75 as AD-620 970

Unedited rough draft trans. of Funktsii Organizma v Usloviiakh Izmenennoi Gazovoi Sredy (USSR) v1 p118-60 1955.

Q. Protective equipment

TT-65-63335 Field 6Q

Krichagin, V.
SPACE CLOTHING OF SUBJUGATORS OF OUTER SPACE. 18 Jun 65, 8p. FTD-TT-65-604; AD-620 099.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 099

Unedited rough draft trans. of Meditsinskaya Gazeta (USSR) v28 p2 Mar 25 1965.

TT-65-63840 Field 6Q

Nikolaev, A.
COSMONAUTS PUT ON THE PRESSURE SUITS. 12 Aug 65, 8p. FTD-TT-65-601; AD-620 788.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 788

Unedited rough draft trans. from Sovetskaya Rossiya (USSR) 19 May 1960.

R. Radiobiology

TT-65-32048 Field 6R, 6H

Kuzin, A. M.; Andronikov, V. L.
GAMMA-RAYS AND FERTILITY (AND) POPULATION FOOD AND LAND. Agrotechnical Methods and World Food Supply. 16 Aug 65, 31p, 7refs. JPRS-31552.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32048

Trans. of Priroda (USSR) v54 n4 p25-31, 54-63 1965.

TT-65-32689 Field 6R

Kosovac, D.
REGULATIONS ON THE USE OF X-RAY EQUIPMENT AND PROTECTIVE MEASURES AGAINST X-RAYS. 30 Sep 65, 14p. JPRS-32198.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32689

Trans. of Sluzbeni List, Belgrade (Yugoslavia) v21 n36 p1421-6 1965.

TT-65-63120 Field 6R

Kondratev, I. N.
CONCERNING THE QUESTION OF MECHANISM OF ACTION OF AN IRRADIATED THYROID GLAND ON THE CEREBRAL CORTEX. 11 Feb 64, 10p, 7refs. FTD-MT-63-231; AD-619 546.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 546

Edited machine trans. of Radiobiologiya (USSR) v2 n4 p569-72 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from CFSTI $3.00 in TT-63-11681, AEC-tr-5431.

TT-65-63908 Field 6R, 6C

Chu Jen-pao; Shih Shou-chien.
THE EFFECTS OF X-IRRADIATION ON GASTRIC MOTILITY IN THE DOG. 25 Jun 65, 15p, 8refs. FTD-TT-64-910; AD-620 967.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 967

Edited trans. of Sheng Li Hsueh Pao (Chinese People's Republic) v24 n3/4 p220-6 1961.

TT-65-64090 Field 6R, 6S

Livshits, N. N., ed.
EFFECTS OF IONIZING RADIATION AND OF DYNAMIC FACTORS ON THE FUNCTIONS OF THE CENTRAL NERVOUS SYSTEM-PROBLEMS OF SPACE PHYSIOLOGY. 1965, 195p, 300refs. NASA-TT-F-354; N65-31375.
Order from CFSTI, SLA, or ETC: HC$5.00, MF$1.25 as N65-31375

Trans. of mono. Vliyanie Ioniziruyushchikh Izluchenii i Dinamicheskikh Faktorov na Funktsii Tsentralnoi Nervnoi Sistemy; Voprosy Kosmicheskoi Fiziologii, Moscow, 1964 195p.

TT-65-64182 Field 6R

Livshits, N. I.
REVIEW OF COMPENDIUM 'INFLUENCE OF IONIZING RADIATION ON THE FUNCTIONING OF THE HIGHER SECTIONS OF THE CENTRAL NERVOUS SYSTEM OF OFFSPRING. 28 Sep 65, 9p. FTD-TT-65-860; AD-622 457.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-622 457

Unedited rough draft trans. of Patologicheskaya Fiziologiya i Eksperimentalnaya Terapiya (USSR) v7 n3 p90-1 1963 (Review of book by I. A. Piontkovskii, Moscow, 1961 210p).

S. Stress physiology

TT-65-31379 Field 6S

EFFECTS OF SPACE FLIGHT ON VARIOUS PHYSIOLOGICAL FUNCTIONS. 30 Jun 65, 48p, 57refs. JPRS-30859.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-31379

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Biologicheskaya, v30 n2 p169-87, 274-84 1965.

TT-65-32160 Field 6S

Eremin, A. V.; Kasyan, I. I.; Kolosov, I. A.; Kopanev, V. I.; Lebedev, V. I.
HUMAN WORK CAPACITY UNDER CONDITIONS OF WEIGHTLESSNESS. 23 Aug 65, 10p, 13refs. JPRS-31665.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-32160

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Biologicheskaya, v30 n3 p329-34 1965.
Another trans. is available from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-31370, JPRS-30849, 12p.

TT-65-32452 Field 6S

THE PROBLEM OF REACTIVITY IN SPACE MEDICINE (AND) REACTIONS OF THE CARDIOVASCULAR AND RESPIRATORY SYSTEMS OF COSMONAUTS UNDER CONDITIONS OF ORBITAL FLIGHT IN THE SPACE CRAFT 'VOSKHOD-1'. 13 Sep 65, 31p, 41refs. JPRS-31958.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-32452

Trans. of Akademiya Nauk SSSR, Izvestiya. Seriya Biologicheskaya, v30 n4 p481-99 1965.
Other translations are available from CFSTI or ETC: HC$1.00, and MF$0.50 as TT-65-32403, JPRS-31909, 17p, and TT-65-32407 HC$1.00, MF$0.50 as TT-65-32407 JPRS-31913, 15p.

TT-65-63853 Field 6S

Tomakov, V.
MAN AND OUTER SPACE. 12 Aug 65, 10p.
FTD-TT-65-602; AD-620 810.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 810

Unedited rough draft trans. of Sovetskii Krasnyi Krest (USSR) v10 n1 p12-3 1960.
Another trans. is available from CFSTI or ETC, SLA $1.10, as TT-62-24912, FTD-TT-61-256.

TT-65-63901 Field 6S

Kitaev-Smyk, A.
MAN IN A STATE OF WEIGHTLESSNESS. 1 Jun 65, 19p.
FTD-TT-65-146; AD-620 947.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 947

Unedited rough draft trans. of Nauka i Zhizn (USSR) v31 n9 p16-21 1964.
Another trans. is available from CFSTI or ETC HC$1.00, MF$0.50 as TT-65-30814, JPRS-29743, 16p.

TT-65-63903 Field 6S

Orlov, I. V.
THRESHOLDS OF CALORIC NYSTAGMUS DURING ROTATION AT CONSTANT SPEED. 9 Jun 65, 10p, 18refs.
FTD-TT-65-216; AD-620 949.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-620 949

Unedited rough draft trans. of Akademiya Nauk SSSR. Doklady, v156 n4 p972-5 1964.

TT-65-63967 Field 6S

Chkhaidze, L. V.
COORDINATION OF MAN'S VOLUNTARY MOVEMENTS UNDER SPACE FLIGHT CONDITIONS. 1965, 115p, 96refs.
NASA-TT-F-355; N65-30730.
Order from CFSTI, SLA, or ETC: HC$4.00, MF$0.75 as N65-30730

Trans. of mono. Koordinatsiya Proizvolnykh Dvizhenii Cheloveka v Usloviyakh Kosmicheskogo Poleta, Moscow, 1965 p1-111.

T. Toxicology

TT-65-31405 Field 6T

Mikhailova, T. V.
COMPARATIVE TOXICITY OF CHLORIDE DERIVATIVES OF TOLUENE: BENZYL CHLORIDE, BENZAL CHLORIDE, AND BENZOTRICHLORIDE. 1 Jul 65, 11p, 13refs.
JPRS-30906.
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Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v8 n9 p14-9 1964.

TT-65-31418 Field 6T

Ivanov, S. V.
DATA ON TOXICOLOGY AND HYGIENIC RATING OF ETHYLBENZENE IN THE ATMOSPHERE OF INDUSTRIAL BUILDINGS. 2 Jul 65, 11p. JPRS-30919.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31418

Trans. of Gigiena Truda i Professionalnye Zabolevaniya (USSR) v8 n2 p9-14 1964.
Another trans. is available from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-62347, FASEB-S-511-4, 17p.

TT-65-63137 Field 6T

Kabachnik, M. I.; Godovikov, N. N.; Godyna, E. I.
SYNTHESIS OF CERTAIN PHYSIOLOGICALLY ACTIVE PHOSPHORO-ORGANIC COMPOUNDS. 6 Feb 64, 14p, 10refs. FTD-MT-63-234; AD-619 565.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-619 565

Edited machine trans. of Zhurnal Obshchei Khimii (USSR) v33 n4 p1335-42 1963.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from CFSTI $0.50 as TT-63-31430, JPRS-20448, 11p.

07 CHEMISTRY

A. Chemical engineering

NCH-202 700 Field 7A

Schmid, G.
THE THEORY OF ELECTROOSMOSIS. 1965, 10p.
ATS-60S87G.
Order from ATS: $17.85 as ATS-60S87G

Trans. of Chemie-Ingenieur-Technik (West Germany) v37 n6 p616-21 1965.

NCH-202 712 Field 7A, 7C

Kroger, C.; Rao, K. S.
PRODUCTION OF ACETYLENE BY PYROLYSIS OF COAL. 1965, 11p. ATS-99S86G.
Order from ATS: $15.50 as ATS-99S86G

Trans. of Brennstoff-Chemie (West Germany) v46 n5 p129-33 1965.

NCH-202 713 Field 7A

Dorner, J.
EFFECT OF A SUPERPOSED AXIAL DIRECT CURRENT ON THE PROPERTIES OF SILICON RODS DURING ZONE REFINING. 1965, 15p. ATS-56S86G.
Order from ATS: $19.75 as ATS-56S86G

Trans. of Elektrowarme (West Germany) v22 n9 p331-9 1964.

NCH-202 723 Field 7A

Noguchi, J.; Tokura, S.; Inomata, M.; Asano, C.
ANION EXCHANGE RESINS OF CHITOSAN DERIVATIVES. 1965, 24p. ATS-58S87J.
Order from ATS: $24.95 as ATS-58S87J

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n5 p904-8 1965.

NCH-202 736 Field 7A, 21D

Timofeev, B. V.; Karimov, A. D.
PLANT REMAINS IN CRUDE OIL. 1965, 2p. ATS-53S87R.
Order from ATS: $4.00 as ATS-53S87R

Trans. of Akademiya Nauk SSSR, Doklady, v92 n1 p151-2 1953.

TT-65-14118 Field 7A

Moeckel, P.
PRESSURE HYDROGENATION BY SUPERSONICS. Preliminary report. 2p, 2refs.
Order from SLA: $1.10 as TT-65-14118

Trans. of Chemie-Ingenieur-Technik (West Germany) v24 n3 p153-4 1952.

TT-65-14121 Field 7A

Schmidt, H. J.
CALCULATIONS FOR THE HETEROGENEOUS FIRST ORDER WALL REACTION IN CYLINDRICAL TUBES. 5p, 7refs.
Order from SLA: $1.10 as TT-65-14121

Trans. of Chemie-Ingenieur-Technik (West Germany) v34 n12 p841-2 1962.
Another trans. is available from SLA $1.10 as TT-63-18948, 5p.

TT-65-14137 Field 7A

Prisque, D. de.
PROCEDURE FOR THE PREPARATION OF AMMONIUM PERCHLORATE GRANULES IN THE FORM OF ROUNDED CRYSTALS. 5p.
Order from SLA: $1.10 as TT-65-14137

Trans. of Patent (France) 1 362 622.
Patent file No. 932,469, international cl C 01 b, filed 24 Apr 63, pub. 27 Apr 64.

TT-65-14160 Field 7A

Bohl, L. E.; Vancamp, R. M.
PREPARATION OF PERCHLOROETHYLENE AND TRICHLOROETHYLENE. 32p.
Order from SLA: $3.60 as TT-65-14160

Trans. of Patent (Belgium) 643 649.
Patented by Pittsburgh Plate Glass Co., Pittsburgh, Pa., USA, filed 11 Feb 64 (Priority: U. S., No. 258,131, 13 Feb 63).

TT-65-14189 Field 7A

Le Bec, L.
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Order from SLA: $1.10 as TT-65-14261

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Patent application B 65,803 IVb/12o, cl 12o, gr 7/03, international cl C 07 c, by Badische Anilin-und Soda-Fabrik A. G., Ludwigshafen, Germany, filed 3 Feb 62, granted 12 Sep 63.

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Melnik, B. D.
DISCUSSION OF INDUSTRIAL METHODS OF MINERAL SALT PRODUCTION (O Nekotorikh Tekhnologicheskikh Priemakh v Proizvodstve Mineralnykh Solei). 12p (foreign text included) 7refs.
Order from SLA: $1.60 as TT-65-14296

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FLOW OF INFORMATION AND ELECTRONIC DATA PROCESSING IN PETROLEUM PRODUCING COMPANIES WITH REGARD TO THE ORGANIZATION OF A COMPUTER SET-UP FOR THE CALCULATION OF THE OUTPUT OF INDIVIDUAL 'OPERATIONAL UNITS.' Paper presented at the annual convention of the Deutsche Gesselschaft fuer Mineraloelwissenschaft und Kohlechemie, Koelin, 9 Oct 64. 44p, 14refs.
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Order from SLA: $1.10 as TT-65-14377

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Order from SLA: $1.10 as TT-65-14692

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Batog, A. E.; Enalev, V. D.; Romantsevich, M. K.
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Order from SLA: $2.60 as TT-65-14700

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Order from SLA: $1.60 as TT-65-14724

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Povarov, A. I.
CALCUL TECHNOLOGIQUE DES HYDRO-CYCLONES. Org.182-290; CNRS-G/R-4740.
Order from CNRS as G/R-4740

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B. Inorganic chemistry

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Order from SLA: $2.60 as TT-65-14252

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Order from SLA: $1.10 as TT-65-14253

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Glabisz, U.
SPECTROPHOTOMETRIC STUDY OF THE DECOMPOSITION OF SODIUM CHLORITE N 5,5 N HYDROCHLORIC ACID (Spektrofotometryczne Badania Rozkladu Chlorynu Sodowego W 5,5 n Kwasie Solnym). 27p (foreign text included) 12refs.
Order from SLA: $2.60 as TT-65-14272

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THE POSSIBILITIES OF UNDERTAKING QUANTITATIVE PHASE-ANALYSES OF CLAYS WITH X-RAYS. 53p, 16refs.
Order from SLA: $5.60 as TT-65-14313

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Kruglitskii, N. N.; Simurov, V. V.; Ovcharenko, F. D.; Nichiporenko, S. P.
THE MECHANISM OF THE INFLUENCE OF ULTRASONIC OSCILLATIONS ON THE PROCESSES OF COAGULATION STRUCTURE FORMATION IN AQUEOUS DISPERSIONS OF CLAY. 6p, 18refs.
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Order from SLA: $1.10 as TT-65-14471

Trans. of Chemische Berichte (Germany) v59 p883-6 1926.

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Fink, E.
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Order from SLA: $1.10 as TT-65-14480

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Hieber, W.; Kraemer, K.; Schulten, H.
RECENT WORK IN THE FIELD OF METAL CARBONYLS: METAL CARBONYL HYDRIDES. 5p, 9refs.
Order from SLA: $1.10 as TT-65-14500

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Abe, S.; Asano, K.
ON THE REACTIONS BETWEEN ALKALI METALS OR ALKALI AMIDES AND LIQUID OR SOLID NITROUS OXIDE IN LIQUID AMMONIA. 17p (foreign text included) 5refs.
Order from SLA: $1.60 as TT-65-14581

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Shmitz-DuMont, O.; Goessling, H.; Brokopf, H.
COLOR AND COMPOSITION OF INORGANIC SOLIDS. II. LIGHT ABSORPTION OF BIVALENT NICKEL IN OXIDE COORDINATED LATTICES. 16p, 12refs.
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Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 633

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Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 635

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C. Organic chemistry

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PREPARATION OF ALKYLENE CARBONATES BY THE REACTION OF 1-ALKENE OXIDES WITH CARBON DIOXIDE. 1965, 6p. ATS-38S87R.
Order from ATS: $9.75 as ATS-38S87R

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Trans. of Vysokomolekulyarnye Soedineniya (USSR) v1 n9 p1327-32 1959.

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ZINC SALTS OF DIALKYL PHOSPHORODITHIOATES AS HYDROCARBON ANTIOXIDANTS. 1965, 5p. ATS-42S87R.
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Trans. of Leningrad Univ. Vestnik (USSR) v14 n22 p136-9 1959.

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Kleshchevnikova, S. I.; Dubrovskaya, G. A.; Rumyantseva, E. I.
REACTION OF TRIETHOXYSILANE WITH ETHYL ALCOHOL. 1965, 5p. ATS-73S87R.
Order from ATS: $6.25 as ATS-73S87R

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Reibakh, M. S.; Tsirlin, A. M.; Mozhaikina, A. S.; Kleshchevnikova, S. I.
A CONTINUOUS METHOD FOR THE PRODUCTION OF TETRAETHOXYSILANE. 1965, 5p. ATS-75S87R.
Order from ATS: $8.00 as ATS-75S87R

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Order from ATS: $29.85 as ATS-68S87C

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Schlenk, W., Jr.
THE THIOUREA ADDITION OF ORGANIC COMPOUNDS. 27p, 13refs.
Order from SLA: $2.60 as TT-65-14034

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v573 n2 p142-62 1951.

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Order from SLA: $1.10 as TT-65-14132

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Another trans. is available from ATS $2.95 as ATS-14K26R, 2p.

TT-65-14161 Field 7C

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Order from SLA: $1.10 as TT-65-14161

Trans. of Akademiya Nauk SSSR. Doklady, v161 n3 p617-9 1965.

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Mazalov, S. A.; Gerasimov, S. I.; Sokolov, S. V.; Zolotavin, V. L.
A STUDY OF PRODUCTION METHODS AND PROPERTIES OF FLUORORGANIC COMPOUNDS. I. INVESTIGATION OF AN ELECTROLYTIC-CHEMICAL METHOD OF PRODUCING PERFLUORINATED TERITIARY HETEROCYCLIC AMINES. 7p (tables formulae omitted) 7refs.
Order from SLA: $1.10 as TT-65-14163

Trans. of Zhurnal Obshchei Khimii (USSR) v35 n3 p485-9 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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Rosenberg, B. A.; Lyudvig, E. B.; Gantmakher, A. R.; Medvedev, S. S.
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Order from SLA: $1.10 as TT-65-14164

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v7 n1 p188-9 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

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Nishizaki, S.; Fukami, A.
PREPARATION OF POLYIMIDES BY POLYCONDENSATION WITH HYDORGEN CHLORIDE ELIMINATION. 8p (figs tables some formulae 3 refs omitted) 3refs.
Order from SLA: $1.10 as TT-65-14167

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n2 p383-7 1965.

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Sokolov, S. V.; Mazalov, S. A.; Gerasimov, S. I.
REACTIONS OF TERITARY PERFLUORINATED AMINES WITH ALUMINUM CHLORIDE. SYNTHESIS OF PERFLUORCYCLOHEXANE. 5p (tables omitted) 5refs.

Order from SLA: $1.10 as TT-65-14174

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo. Zhurnal (USSR) v10 n2 p234-5 1965.

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Zeifman, Yu. V.; Gambaryan, N. P.; Knunyants, I. L.
HEXAFLUOROACETONE SEMICARBAZONE. 4p (formulae omitted) 9refs.
Order from SLA: $1.10 as TT-65-14176

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo. Zhurnal (USSR) v10 n2 p235-6 1965.

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Tyutyunnikov, B. N.; Mankovskaya, N. K.
ABOUT A NEW METHOD FOR THE PRODUCTION OF COMMERCIAL FRACTIONS OF SYNTHETIC FATTY ACIDS. 10p, 2refs.
Order from SLA: $1.10 as TT-65-14194

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Order from SLA: $1.10 as TT-65-14202

Trans. of Revista de Chimie (Rumania) v12 n11 p649-51 1961.

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DETERMINATION OF p-ACETYLAMINOPHENOL (PANADOL) (Dozarea p-Acetil-Amino-Fenolului (Panadol). 3p (foreign text included).
Order from SLA: $1.10 as TT-65-14223

Trans. of Revista de Chimie (Rumania) v11 n1 p49 1960.

TT-65-14247 Field 7C

Odaira, Y.; Takigawa, S.; Tsutsumi, S.
OXIDATIVE CLEAVAGE OF NAPHTHALENE WITH PERACETIC ACID AND SYNTHESIS OF STYRENE FROM THE OXIDATION PRODUCT. 10p.
Order from SLA: $1.10 as TT-65-14247

Trans. of Kogyo Kagaku Zasshi (Japan) v62 n1 p89-90 1959.

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Odaira, Y.; Tsutsumi, S.
OXIDATIVE CLEAVAGE OF TETRALONES AND TETRALOLS WITH PERACETIC ACID. 12p, 7refs.
Order from SLA: $1.60 as TT-65-14248

Trans. of Kogyo Kagaku Zasshi (Japan) v62 n1 p91-3 1959.

TT-65-14251 Field 7C

CATALYST SYSTEMS FOR THE POLYMERIZATION OF UNSATURATED COMPOUNDS (Systemes de Catalyseurs pour la Polymerisation de Composes non Satures). 12p (foreign text included).
Order from SLA: $1.60 as TT-65-14251

Trans. of Patent (France) 1 175 661.
Patent cl 8, gr 14, international cl C 08 f, by Imperial Chemical Industries, Ltd., Gt. Brit., filed 22 May 57, granted 17 Nov 58, pub. 31 Mar 59 (Priority: Gt. Brit., 22 May 56 and 10 May 57).

TT-65-14256 Field 7C

Klebanskii, A. L.; Grachev, I. V.; Kuznetsova, O. M.
AN INVESTIGATION OF THE REACTION OF FORMATION OF DIACETYLENE COMPOUNDS FROM MONO-SUBSTITUTED DERIVATIVES OF ACETYLENE. 1. THE MECHANISM OF FORMATION OF DIACETYLENE COMPOUNDS. 11p (refs omitted).
Order from SLA: $1.60 as TT-65-14256

Trans. of Zhurnal Obshchei Khimii (USSR) v27 n11 p2977-83 1957.
Another trans. is available from ATS $10.50 as ATS-42K27R, 7p.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14259 Field 7C

Krieger, H.
THE ENDO-EXO ISOMERISM OF 3-BROMONORCAMPHOR AND 3-BROMONORBORNEOL. III. DETERMINATION OF THE ENDO-EXO ISOMERISM FROM DIPOLE MOMENTS. MODEL OF BICYCLO(2.2.1)-HEPTANE. 9p, 24refs.
Order from SLA: $1.10 as TT-65-14259

Trans. of Suomen Kemistilehti (Finland) v31 n11 p348-53 1953.

TT-65-14262 Field 7C

Topchiev, A. V.; Goldfarb, Yu. Ya.; Krentsel, B. A.
THE POLYMERIZATION OF SOME HETEROCYCLIC COMPOUNDS IN THE PRESENCE OF A COMPLEX ORGANO-METALLIC CATALYST. 15p, 5refs.
Order from SLA: $1.60 as TT-65-14262

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v3 n6 p870-6 1961.
See also 'Translated or Abstracted Publications, in TT Vol. 14, No. 8.
Another trans. is available from CFSTI, SLA, or ETC $2.60 as TT-64-16534, 20p.
Also available from PP $100.00/year in Polymer Science USSR, v3, no. 4.

TT-65-14263 Field 7C

Nakamura, M.; Gunji, K.
STUDIES ON PROPYLENE-PALLADIUM CHLORIDE AND ANILINE-PALLADIUM CHLORIDE COMPLEX. 20p (foreign text included) 16refs.
Order from SLA: $1.60 as TT-65-14263

Trans. of Sekiyu Gakkai Shi (Japan) v6 n3 p191-6 1963.
Another trans. is available from SA $25.00 as SA-SEKI-6-3-1, 13p.

TT-65-14273 Field 7C

Nesmeyanov, A. N.; Kochetkova, N. S.
THE REACTION OF FERROCENE WITH OLEFINS. 2p.
Order from SLA: $1.10 as TT-65-14273

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Khimicheskaya, p242 1958.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14274 Field 7C

Shostakovskii, M. F.; Khomutov, A. M.; Alimov, A. P.
THE SYNTHESIS OF MULTIPLE DI-VINYL ESTERS OF TARTARIC ACID. 3p.
Order from SLA: $1.10 as TT-65-14274

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Khimicheskaya, n1 p108-9 1958.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14275 Field 7C

Krentsel, B. A.; Topchiev, A. V.; Sidorova, L. G.
THE PRODUCTION OF CRYSTALLINE POLYPROPYLENE BY THE POLYMERIZATION OF TECHNICAL PROPYLENE WITH TRIISOBUTYL ALUMINUM AND TITANIUM TETRACHLORIDE. 4p.
Order from SLA: $1.10 as TT-65-14275

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Khimicheskaya, p500-1 1958.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14286 Field 7C

Nikolaeva, N. M.; Levchenko, D. N.
DEPENDENCE OF THE DEMULSIFYING ACTIVITY OF SURFACE-ACTIVE AGENTS ON THEIR STRUCTURE. 7p, 2refs.
Order from SLA: $1.10 as TT-65-14286

Trans. of Khimiya i Tekhnologiya Topliv i Masel (USSR) v9 n9 p26-9 1964.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14365 Field 7C

Kolesnikov, G. S.; Fedorova, L. S.
THE MECHANISM OF POLYMERIZATION OF ACRYLONITRILE IN THE PRESENCE OF TRIBUTYLBORON. 1p (refs omitted).
Order from SLA: $1.10 as TT-65-14365

Trans. of Akademiya Nauk SSSR, Izvestiya, Seriya Khimicheskaya, n7 p906 1958.

TT-65-14465 Field 7C

Prudhomme, M.
ON THE SYNTHESIS OF INDOLE. 2p.
Order from SLA: $1.10 as TT-65-14465

Trans. of Societe Chimique de France, Bulletin, v27 n2 p558-9 1877.

TT-65-14466 Field 7C

Hahn, W.
PROCESS FOR PREPARING ORTHO-ALKYLPHENOLS. 11p.
Order from SLA: $1.60 as TT-65-14466

Trans. of Patent (Belgium) 612 901.
Patented by Farbenfabriken Bayer A. G., Leverkusen-Bayerwerk, Germany, 22 Jan 62 (Priority: Germany, appl. F 33 054 IVb/12q, 25 Jan 61).

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Order from SLA: $1.10 as TT-65-14467

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Another trans. is available from K-H $12.50 as K-H-12190b (10p).

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Order from SLA: $1.10 as TT-65-14473

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Order from SLA: $1.10 as TT-65-14479

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DETERMINATION OF PURITY OF ORGANOALUMINUM COMPOUNDS BY RECORDING CONDUCTIVITY TITRATION. 12p (figs omitted) 12refs.
Order from SLA: $1.60 as TT-65-14483

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TT-65-14488 Field 7C

Zakharkin, L. I.; Gavrilenko, V. V.
COMPLEXES OF TRIALKYLALUMINUM AND DIALKYLALUMINUM HYDRIDES WITH ALKALI METAL ALKYLS AND HYDRIDES. 9p, 4refs.
Order from SLA: $1.10 as TT-65-14488

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from K-H $5.40 as K-H-12337a, (9p).

TT-65-14491 Field 7C

Razuvaev, G. A.; Graevskii, A. I.
SYNTHESIS OF ORGANOALUMINUM PEROXIDES. 2p, 2refs.
Order from SLA: $1.10 as TT-65-14491

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from K-H $1.20 as K-H-12337b, (2p).

TT-65-14493 Field 7C

Calderazzo, F.; Ercoli, R.
RESEARCH ON THE SYNTHESIS OF VANADIUM HEXACARBONYL AND ITS SALTS OF THE HEXACARBONYL VANADATE ANION. 23p (refs omitted).
Order from SLA: $2.60 as TT-65-14493

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Other trans are available from K-H $28.75 as K-H-12427, 23p and from CTS(Chem) $13.50 as CTS(Chem) 309, 4,500 words.

TT-65-14495 Field 7C

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Order from SLA: $1.60 as TT-65-14495

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Patented by Farbwerke Hoechst A. G., Germany, 13 Nov 61 (Priority: Germany, appl. No. F 32,536 IVd/39c, 12 Nov 60).

TT-65-14503 Field 7C

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STUDY ON ALKYL VINYL ETHERS OF HIGHER ALCOHOLS. 1. PREPARATION OF CETYL VINYL ETHER. 9p (figs omitted) 17refs.
Order from SLA: $1.10 as TT-65-14503

Trans. of Kogyo Kagaku Zasshi (Japan) v57 n12 p932-4 1954.
Another trans. is available from K-H $9.00 as K-H 12427 a, 9p.

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STUDY ON NORMAL ALKYL VINYL ETHER. 2. PROPERTIES OF NORMAL ALKYL VINYL ETHER AND POLYMERIZATION. 15p, 8refs.
Order from SLA: $1.60 as TT-65-14504

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Another trans. is available from K-H $15.00 as K-H 12427 b (15p).

TT-65-14506 Field 7C

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COMPOUNDS OF BERYLLIUM OXYBENZOATE WITH AROMATIC HYDROCARBONS. 15p, 6refs.
Order from SLA: $1.60 as TT-65-14506

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.
Another trans. is available from K-H $15.00 as K-H-12464, 15p.

TT-65-14508 Field 7C

Okada, Masahiko.
POLYMERIZATION OF 1,3-DIOXOLANE. 21p, 11refs.
Order from SLA: $2.60 as TT-65-14508

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Sinn, H.; Aumann, D.
DETERMINATION OF OXYGEN IN POLYMERIZATION MIXTURES AND ORGANO-METALLIC CATALYSTS. 4p, 5refs.
Order from SLA: $1.10 as TT-65-14510

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NEW SYNTHETIC POLYMERS. 28p, 70refs.
Order from SLA: $2.60 as TT-65-14511

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TT-65-14512 Field 7C

Furukawa, J.; Saegusa, T.
HIGH POLYMERIZATION OF ALDEHYDE, KETONE AND ALKYLENE OXIDE. 43p, 126refs.
Order from SLA: $4.60 as TT-65-14512

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Fujii, H.; Saegusa, T.; Furukawa, J.
STEREOBLOCK POLYMERIZATION OF ACETALDEHYDE. 16p, 10refs.
Order from SLA: $1.60 as TT-65-14313

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Saegusa, Takeo.; Imai, Kosuke.; Hirai, Setsuo.; Furukawa, Junji.
COPOLYMERIZATION OF TETRAHYDROFURAN AND 3,3-BIS (CHLOROMETHYL) OXACYCLOBUTANE. 16p, 13refs.
Order from SLA: $1.60 as TT-65-14514

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Another trans. is available from K-H $9.60 as K-H-12425-c, (16p).

TT-65-14515 Field 7C

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CHROMATOGRAPHY OF INTERMEDIARY DYE-STUFFS. XIV. PAPER CHROMATOGRAPHY AND IDENTIFICATION OF NAPHTHYLAMINESULFONIC ACIDS. 20p (figs tables refs omitted).
Order from SLA: $1.60 as TT-65-14646

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TT-65-14650 Field 7C, 11I

Terteryan, R. A.; Dintses, A. I.; Rysakov, M. V.
COPOLYMERIZATION OF ETHYLENE WITH VINYL ACETATE (Sovmestnaya Polimerizatsiya Etilena s Vinilatsetatom). 14p (foreign text included) 7refs.
Order from SLA: $1.60 as TT-65-14650

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TT-65-14673 Field 7C, 7A

Asinger, F.; Fell, B.
ON THE SUBSTITUTION REACTIONS IN PARAFFINS. PT I, HALOGENATION OF PARAFFIN HYDROCARBONS. 21p, 149refs.
Order from SLA: $2.60 as TT-65-14673

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Sterligov, O. D.; Eliseev, N. A.
DEVELOPMENT OF THE ALUMINA-CHROMIA-POTASSIA CATALYST IN ISOPENTANE DEHYDROGENATION. PT I. THE EFFECTS OF TEMPERATURE AND OF SPACE VELOCITY. 9p, 15refs.
Order from SLA: $1.10 as TT-65-14679

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Another trans. is available from SLA $1.10 as TT-65-13311, 9p.

TT-65-14680 Field 7C

Korol, A. N.
THE GAS-LIQUID CHROMATOGRAPHY OF ALKANES C5-C7. 13p, 9refs.
Order from SLA: $1.60 as TT-65-14680

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Zgonnik, V. N.; Dolgoplosk, B. A.; Nikolaev, N. I.; Kropachev, V. A.
EFFECT OF WATER ON THE POLYMERIZATION OF BUTADIENE WITH HOMOGENEOUS 'COBALT' CATALYSTS. 5p, 5refs.
Order from SLA: $1.10 as TT-65-14685

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v7 n2 p308-11 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14691 Field 7C

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THE SYNTHESIS OF DODECYL-MERCAPTANE. 8p, 11refs.
Order from SLA: $1.10 as TT-65-14691

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TT-65-14715 Field 7C

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Order from SLA: $1.10 as TT-65-14715

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NEW METHOD OF MACROCYCLIC COMPOUND PRODUCTIONS FROM LINEAR POLYMERS. 4p, 11refs.
Order from SLA: $1.10 as TT-65-14716

Trans. of Akademiya Nauk SSSR, Doklady, v155 n6 p1354-6 1964.

TT-65-14721 Field 7C

Razuvaev, G. A.; Brilkina, T. G.
INVESTIGATIONS OF THE FREE RADICAL REACTIONS OF THE COMPLEXES M(BR4). 8p, 8refs.
Order from SLA: $1.10 as TT-65-14721

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TT-65-63158 Field 7C

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SPHINGOSINE AND ITS NATURAL COMPOUNDS. I. CONVERSION FROM THREO-SPHINGOSINE TO ITS ERYTHRO-DERIVATIVES. Tr. by Z. Knowles. 17 May 65, 6p, 13refs. NIH-5-30-65.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-63158

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D. Physical chemistry

NCH-202 686 Field 7D

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INTERACTION OF COLLOIDAL PARTICLES HAVING DIPOLE MOLECULES ADSORBED ON THEIR SURFACE. 1965, 4p. ATS-18S87R.
Order from ATS: $6.85 as ATS-18S87R

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NCH-202 687 Field 7D, 20D

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A BRIEF INTRODUCTION TO THE CHEMICAL KINETICS OF FLOW SYSTEMS (A SURVEY). 1965, 14p. ATS-97S81CH.
Order from ATS: $19.95 as ATS-97S81CH

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CATALYTIC REDUCTION OF INORGANIC COMPOUNDS BY CARBON MONOXIDE IN THE LIQUID PHASE. 1965, 12p. ATS-46S86R.
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Ziegler, K.; Steudel, O.
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Order from SLA: $1.60 as TT-65-14021

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Another trans. is available from K-H $6.60 as K-H-11927, 11p.

TT-65-14117 Field 7D

Vandael, C.
INDICATOR ELECTRODE FOR POTENTIOMETRIC TITRATION USING EDTA. PLATINUM SPIRAL ELECTRODE COATED WITH LEAD PEROXIDE OR A HIGHER OXIDE OF BISMUTH (Bi_2O_4 OR Bi_2O_5). 15p, 5refs.
Order from SLA: $1.60 as TT-65-14117

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Nishizaki, S.
THERMAL DECOMPOSITION OF SOME POLYIMIDES. 4p (figs 2refs omitted) 2refs.
Order from SLA: $1.10 as TT-65-14168

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n3 p574-6 1965.

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Order from SLA: $1.60 as TT-65-14181

Trans. of Chimie Analytique (France) v42 n7 p336-45 1960. Revue de l'Institut Francais du Petrole et Annales des Combustibles Liquides, v13 n9 p1253-64 1958.

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Order from SLA: $3.60 as TT-65-14187

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Weiss, A.; Thielepape, W.; Ritter, W.; Schaefer, H.; Goering, G.
CONTRIBUTION TO THE KNOWLEDGE OF HYDRAZINE-KAOLINITE ADSORPTION-COMPLEXES. 46p, 39refs.

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A STUDY OF THE CHEMOSORPTION OF OXYGEN AND ETHYLENE ON SILVER UNDER NEAR-CATALYTIC CONDITIONS. REPT. NO. 1. STUDY OF THE CHEMOSORPTION OF A MIXTURE OF OXYGEN AND ETHYLENE (Issledovanie Khemosorbtsii Kisloroda i Etilena na Serebre v Usloviyakh, Blizkikh k Kataliza. Soobshchenie I. Issledovanie Khemosorbtsii Smesi Kisloroda i Etilena). 18p (foreign text included) 19refs.
Order from SLA: $1.60 as TT-65-14237

Trans. of Ukrainskii Khimicheskii Zhurnal (USSR) v31 n2 p166-71 1965.

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Martin, J. J.; Kapoor, R. M.; Shinn, R. D.
DEVELOPMENT OF A VAPOR PRESSURE EQUATION OF HIGH ACCURACY AND ITS APPLICATION TO WATER. 20p (figs tables omitted) 13refs.
Order from SLA: $1.60 as TT-65-14238

Trans. of Dechema Monographien (West Germany) v32 p46-60 1959.

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Order from SLA: $1.10 as TT-65-14244

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ON THE CONDUCTIVITY OF SILVER SULPHIDE. 11p (figs formulae omitted) 16refs.
Order from SLA: $1.60 as TT-65-14245

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Koelbel, H.; Haubold, H.
THE INFLUENCE OF ALKALI PROMOTERS ON IRON CATALYSTS. REPT. NO. 4. THE HEAT OF ADSORPTION OF CARBON MONOXIDE ON ALKALI-IRON PRECIPITATION CATALYSTS. 15p, 12refs.
Order from SLA: $1.60 as TT-65-14249

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ON THE QUESTION AS TO HOW THE STRUCTURE OF POROUS BODIES AFFECTS THE SPECIFIC SURFACE VALUE DETERMINED FROM PERMEABILITY TO GASES. 8p, 19refs.
Order from SLA: $1.10 as TT-65-14257

Trans. of Akademiya Nauk SSSR, Doklady, v155 n3 p640-3 1964.
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ON MIXED ELECTRODUCTION IN HOMOGENEOUS COMPOUNDS. 16p, 3refs.
Order from SLA: $1.60 as TT-65-14264

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Order from SLA: $1.10 as TT-65-14277

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v32 n1 p87-92 1958.

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DIFFERENTIAL CAPACITY AND CHARGE CURVES ON GALLIUM ARSENIDE ELECTRODES (Differentsialnaya Emkost i Krive Zaryazheniya na Elektrode iz Arsenida Galliya). 42p (foreign text included) 5refs.
Order from SLA: $4.60 as TT-65-14310

Trans. in manuscript of Akademiya Nauk SSSR, Izvestiya, Seriya Khimicheskaya, n2 p251-7 1965.
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TT-65-14312 Field 7D

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APPLICATION OF THE THERMODYNAMICS OF IRREVERSIBLE PROCESSES TO THE THEORY OF ELECTROOSMOSIS, ELECTROPHORESIS, CAPILLARY OSMOSIS AND DIFFUSOPHORESIS IN ELECTROLYTES. 9p, 9refs.
Order from SLA: $1.10 as TT-65-14312

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STUDY OF CATHODIC HYDROGEN EVOLUTION ON IRON IN PRESENCE OF HYDROGEN SULFIDE. 154p, 81refs.
Order from SLA: $11.50 as TT-65-14317

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Roulleau, M.
INFLUENCE OF THE ELECTRIC FIELD ON THE FREEZING OF WATER. 10p, 4refs.
Order from SLA: $1.10 as TT-65-14339

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STUDY BY AID OF INFRARED SPECTROSCOPY AND RAMAN SPECTROSCOPY OF CERTAIN ETHERS, ORGANOSILOXANES, ORGANOALKOXYSILANES AND ORGANOSILANES (Etude par Spectroscopie Infrarouge et Raman de Quelques Ethers-Oxydes, Organo-Siloxanes, -Alcoxysilanes et -Silanes). 30p (foreign text included) 40refs.
Order from SLA: $2.60 as TT-65-14417

Trans. of Journal de Chimie Physique (France) v59 n11-12 p1142-50 1962.

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Schwab, G. M.; Noller, H.
ON THE CATALYTIC CLEAVAGE OF ETHYL CHLORIDE. Paper presented at the General Assembly of the German Bunsen Society for Physical Chemistry e. V. (no. 53) 28 May 54. 17p (figs omitted) 10refs.
Order from SLA: $1.60 as TT-65-14468

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v58 n9 p762-7 1954.
Another trans. is available from K-H $9.60 as K-H-12198a, 16p.

TT-65-14469 Field 7D

Grimm, H. G.; Schwamberger, E.
MOLECULAR STRUCTURE AND REACTION RATE. 2. ON THE INFLUENCE OF ATOMIC STRUCTURE IN CATALYSIS BY SALTS. Preliminary report. 6p, 2refs.
Order from SLA: $1.10 as TT-65-14469

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International Reunion of Physical Chemistry, Proceedings.

TT-65-14476 Field 7D

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DETERMINATION OF THE MAGNITUDE OF DROPS IN ARTIFICIAL FOGS. 8p (figs omitted) 6refs.
Order from SLA: $1.10 as TT-65-14476

Trans. of Kolloid-Zeitschrift und Zeitschrift fuer Polymere (West Germany) v182 n1/2 p140-5 1962.

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Order from SLA: $1.60 as TT-65-14490

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Another trans. is available from K-H $17.50 as K-H-12385a (14p).

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THE MECHANISM OF AUTOXIDATION OF ORGANOMETALLIC COMPOUNDS. 17p, 58refs.
Order from SLA: $1.60 as TT-65-14498

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Other trans. are available from SLA $1.60 as TT-65-10174 (13p) and from K-H $21.25 as K-H-12385b (17p).

TT-65-14505 Field 7D, 14B

Cherdron, H.; Hoehr, L.; Kern, W.
THE AMPULE METHOD, A SIMPLE PRECISION METHOD FOR GAS-CHROMATOGRAPHIC INVESTIGATIONS. 11p, 10refs.
Order from SLA: $1.60 as TT-65-14505

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ELECTROMAGNETIC FIELDS OF LOW FREQUENCY AND SPECIFIC ELECTRICAL CONDUCTANCE OF WATER. 8p, 9refs.
Order from SLA: $1.10 as TT-65-14571

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Khartmann, K.; Passet, B. V.
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Order from SLA: $1.10 as TT-65-14678

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14681 Field 7D

Rozovskii, A. Ya.
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Order from SLA: $1.10 as TT-65-14681

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TT-65-14682 Field 7D, 7C

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LIQUID-VAPOR EQUILIBRIUM IN QUATERNARY SYSTEMS, FORMED OF HYDROCARBONS C5 WITH SEPARATING AGENTS. XI. 14p, 9refs.
Order from SLA: $1.60 as TT-65-14682

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TT-65-14683 Field 7D

Smirnova, M. F.; Dushina, A. P.; Aleskovskii, V. B.
THE ADSORPTIVE PROPERTIES OF SYNTHETIC ALUMINOSILICATE GELS, PT II. 5p, 10refs.
Order from SLA: $1.10 as TT-65-14683

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See also 'Translated or Abstracted Publications,' in
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TT-65-14687 Field 7D, 7B

Sechenov, G. P.; Bunina, N. N.; Altshuler, V. S.
ON A METHOD FOR ANALYSIS OF LOW-MOLECULAR GASES ON A COMBINED CHROMATOGRAPHIC GAS ANALYZER (O Metodike Analiza Nizkomolekulyarnykh Gazov na Kombinirovannom Khromatograficheskom Gazoanalizatore). 8p, 5refs.
Order from SLA: $1.10 as TT-65-14687

Trans. of Akademiya Nauk SSSR, Institut Goryuchikh Iskopaemykh. Trudy, v18 p254-8 1962.

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Rodinov, A. I.; Kashnikov, A. M.; Radikovskii, V. M.
DETERMINATION OF THE PHASE-CONTACT SURFACE ON DUAL FLOW-SIEVE-TRAYS. 8p, 19refs.
Order from SLA: $1.10 as TT-65-14693

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Order from SLA: $1.10 as TT-65-14694

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Order from SLA: $1.10 as TT-65-14696

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SYNTHESIS OF ZEOLITES WITH ISOMORPHOUS SUBSTITUTED CHROMIUM; THEIR COMPOSITION, STRUCTURE AND ADSORPTIVE PROPERTIES. 5p, 3refs.
Order from SLA: $1.10 as TT-65-14717

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TT-65-14723 Field 7D, 7B

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Order from SLA: $2.60 as TT-65-14723

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TT-65-14726 Field 7D

Kolbanovskii, Yu. A.; Pepelyaev, Yu. V.
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Order from SLA: $1.10 as TT-65-14726

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Takahashi, T.; Yamamoto, O.
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Paper presented at the Battery Debating Meeting (no. 4) Oct 1963. 16p, 10refs.
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E. Radio and radiation chemistry

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RADIOCHEMICAL PROCESSES TAKING PLACE DURING RADIOLYSIS OF CARBONTETRAFLUORIDES. 9p (refs omitted).
Order from SLA: $1.10 as TT-65-14598

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08 EARTH SCIENCES AND OCEANOGRAPHY

A. Biological oceanography

NCH-202 017 Field 8A

Beklemishev, K. V.
ON THE ANATOMY OF MASTICATORY ORGANS OF COPEPODA. THE MASTICATING EDGE IN MANDIBLES OF CERTAIN SPECIES OF CALANIDAE AND EUCALANIDAE (K Anatomii Zhevatelnogo Apparata Kopepod) (Zhuyushchii Krai Mandibul u Nekotorych Calanidae i Eucalanida). Jul 65, 15p, 5refs.
RTS-3020.
Order from NLL: 20s as RTS-3020

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v30 p148-55 1959.

NCH-202 351 Field 8A

Zuev, G. V.
THE BODY SHAPE OF CEPHALOPODA. Tr. by G. A. Thompson. Jul 65, 9p, 11refs. NIOT-86.
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NCH-202 353 Field 8A

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C. Dynamic oceanography

NCH-201 910 Field 8C, 8A, 6C

Adrov, M. M.
THE THERMAL REGIME OF THE BARENTS SEA AND THE ACCLIMATIZATION OF THE PINK SALMON. Tr. by C. A. McLean. 1965, 9p, 5refs. MAFF-Trans-NS-65.
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THE GEOCHEMISTRY OF THE PERMIAN DEPOSITS OF THE KUIBYSHIEV REGION. 13p, 15refs.
Order from SLA: $1.60 as TT-65-14647

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E. Geodesy

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HIGHER GEODESY, MATHEMATICAL PART. 1965, 412p, 15refs. SFCSI-Comm(TT-61-11311).
Order from CFSTI: $7.10 as TT-61-11311

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GEOMETRICAL LEVELING. 1965, 414p, 99refs. SFCSI-Comm(TT-61-11319).
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Order from SLA: $8.10 as TT-65-14114

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Shchegolev, D. E.; Masevich, A. G.; Afanasev, B. G.
SYNCHRONOUS OBSERVATIONS OF THE 'ECHO-1' FOR GEODESIC PURPOSES. 5p.
Order from SLA: $1.10 as TT-65-14684

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Tr. by Henry Thomas. Oct 64, 12p, 7refs. TC-848; AD-623 445.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 445

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ON THE PRACTICAL COMPUTATION OF THE QUASI-GEOIDAL CHARACTERISTICS APPLYING MOLODENSKY'S FORMULAE IN THE FIRST APPROXIMATION (K Voprosu Opredeleniya Kharakteristik Kvasigeoida po Forulam Molodenskogo Pervogo Priblizheniia). Tr. by D. Shalikashvili. Jun 65, 17p, 12refs. TC-876; AD-623 451.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 451

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TT-65-64329 Field 8E, 3A

Zagrebin, D. V.
STOKES' FORMULA FOR THE CASE OF AN ELLIPSOIDAL LEVEL SURFACE (Formula Stoksa dlya Sluchaya Ellipsoidalnoi Urovennoi Poverkhnosti). Tr. by Robert Hill. Aug 65, 46p, 11refs. TC-929; AD-623 442.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as AD-623 442

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TT-65-64332 Field 8E, 8N

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Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 435

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TT-65-64333 Field 8E, 8N

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DOWNWARD ANALYTICAL CONTINUATION OF GRAVITY ANOMALIES AND DEPTH OF BURIAL ESTIMATE OF DISTURBING MASSES (Analiticheskoe Prodolzhenie Anomalii Sili Tyazhesti Vniz i Otsenka Glubini Zaleganiia Vozmushchayushchikh Mass). Tr. by Robert D. Hill. Sep 65, 6p. TC-941; AD-623 436.
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Bulankhe, Yu. D.; Pellinen, L. P.
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Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as AD-623 273

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G. Geology and mineralogy

NCH-202 696 Field 8G

Masyukov, V. V.; Galyavich, A. Sh.
LUMINESCENCE ANALYSIS OF SIDE CORES AS A METHOD OF ESTIMATING THE OIL SATURATION OF RESERVOIR ROCK IN WESTERN BASHKIRIA. 1965, 6p. ATS-69S87R.
Order from ATS: $8.45 as ATS-69S87R

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Order from ATS: $32.50 as ATS-94S86R

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NCH-202 726 Field 8G, 8B

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STRIP MAPS IN TECTONIC DIFFERENTIATION OF THE PLATFORM PROVINCES. 1965, 8p. ATS-67S86R.
Order from ATS: $14.85 as ATS-67S86R

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Order from SLA: $1.60 as TT-65-14140

Trans. of Scientia Sinica (Chinese People's Republic) v12 n4 p575-85 1963.

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Kunetz, G.
GENERALIZATIONS REGARDING THE APPLICATION OF ANTI-RESONANCE OPERATORS TO ANY GIVEN NUMBER OF REFLECTORS. 12p, 5refs.
Order from SLA: $1.60 as TT-65-14207

Trans. of Geophysical Prospecting (Netherlands) v12 n3 p283-9 1964.
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Order from SLA: $9.60 as TT-65-14211

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TT-65-14217 Field 8G

Voronin, Yu. A.; Goldina, N. A.
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Order from SLA: $1.60 as TT-65-14217

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Order from SLA: $1.60 as TT-65-14288

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Order from SLA: $1.60 as TT-65-14291

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Trans. of Akademiya Nauk SSSR. Institut Merzlotovedeniya. Trudy, n15 p132-43 1959.

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APPLICATION OF THE THEORY OF RANDOM FUNCTIONS IN ANALYSIS OF A MAGNETOTELLURIC FIELD. 21p, 9refs.
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Harder, H.
INCORPORATION OF BORON IN DETRITAL CLAY MINERALS. EXPERIMENTS SHEDDING LIGHT ON THE OCCURRENCE OF BORON IN CLAYEY SEDIMENTS. 24p, 14refs.
Order from SLA: $2.60 as TT-65-14337

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TT-65-14440 Field 8G

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THE ORIGIN OF PETROLEUM (Proiskhozhdenie Nefti). 31p, 5refs.
Order from SLA: $3.60 as TT-65-14440

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TT-65-14645 Field 8G

Koritnig, S.
ULEXITE CONCRETIONS ('COTTON-BALLS') IN THE ZECHSTEIN GYPSUM OF THE VERRA SERIES. 5p, 15refs.
Order from SLA: $1.10 as TT-65-14645

Trans. of Neues Jahrbuch fuer Mineralogie. Abhandlungen (West Germany) v103 n1 p31-4 1965.

TT-65-28305 Field 8G, 8I

Szymanski, J.
DETERMINATION DES ZONES PERMEABLES DANS LES PUITS D'INJECTION D'EAU A L'AIDE DES TRACEURS RADIOACTIFS. CNRS-H/X-38; Org.80-4539.
Order from CNRS as CNRS-65-H/X-38

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TT-65-28306 Field 8G, 8I

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DE LA FISSURATION HYDRAULIQUE. CNRS-H/X-39; Org.80-4540.
Order from CNRS as CNRS-65-H/X-39

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TT-65-64305 Field 8G, 8F

Bondarchuk, V. G.
STRUCTURE OF THE EARTH'S CRUST. Tr. by George Synenko. Apr 65, 53p, 31refs. TC-846; AD-623 443.
Order from CFSTI, SLA, or ETC: HC$3.00, MF$0.50 as AD-623 443

Trans. of mono. Struktura Zemnoi Kori, Kiev, 1962, 43p.
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TT-65-64307 Field 8G

Volodarskii, R. F.
DENSITY CHARACTERISTICS OF SEDIMENTARY DEPOSITS IN THE CIS-CAUCASIAN AREA (Plotnostnaya Charakteristika Osadochnykh Otlozhenii Predkavkazya). Tr. by Henry Thomas. 1965, 15p, 3refs. TC-850; AD-623 444.
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Trans. of Razvedochnaya i Promyslovaya Geofizika (USSR) v51 p59-67 1964.
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TT-65-64308 Field 8G, 8E, 8N, 8F

Lyustikh, E. N.
RECENT CRUSTAL MOVEMENTS (Sovremennye Dvizheniya Zemnoi Kori). Tr. by Nicholas Sadovski. Jun 65, 44p, 25refs. TC-852; AD-623 446.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as AD-623 446

Collection of articles No. 1, Moscow, 1963 p33-7 224-44 245-9.

TT-65-64309 Field 8G, 8K

Fotiadi, E. E.; Karataev, G. I.
STRUCTURE OF THE EARTH'S CRUST OF SIBERIA AND THE FAR EAST, ACCORDING TO THE DATA OF REGIONAL GEOPHYSICAL SURVEYS (Stroenie Zemnoi Kory Sibiri i Dal'nego Vostoka po Dannym Regional'nykh Geofizicheskikh Issledovanii). Tr. by Henry Tomas and George Synenko. Oct 64, 24p, 50refs. TC-853; AD-623 447.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 447

Trans. of Geologiya i Geofizika (USSR) n10 p5-18 1963.
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TT-65-64311 Field 8G

Ushakov, S. A.
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TT-65-64313 Field 8G, 8B

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TT-65-64314 Field 8G, 8N

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TT-65-64315 Field 8G, 8N

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TT-65-64317 Field 8G, 8N, 8F

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TT-65-64321 Field 8G, 8N, 8F

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TT-65-64323 Field 8G

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TT-65-64463 Field 8G, 3A, 8F

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I. Mining engineering

TT-65-14258 Field 8I

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TT-65-14294 Field 8I

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J. Physical oceanography

TT-65-64335 Field 8J

Grushinskii, N. P.
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K. Seismology

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TT-65-64326 Field 8K

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M. Soil mechanics

TT-65-28307 Field 8M

Kazuk, J.
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N. Terrestrial magnetism

TT-65-64310 Field 8N, 8E, 8G, 8F

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TT-65-64316 Field 8N, 8G, 8F

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TT-65-64319 Field 8N, 8G, 8F

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TT-65-64322 Field 8N, 14B

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TT-65-64324 Field 8N, 8G, 8E, 8F

Uspenskii, D. G.
OBSERVATIONS WITH THE EOTVOS TORSION BALANCE IN THE REGION OF THE KURSK MAGNETIC ANOMALIES (Nabludeniya s Krutilnymi Vesami Eotvosa v Oblasti Kurkikh Magnitykh Anomalii). Tr. by Robert D. Hill. Jun 65, 26p. TC-909; AD-623 431.
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TT-65-64328 Field 8N, 8E

Akopyan, Ts. G.
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TT-65-64331 Field 8N, 8E

Yanovskii, B. M.
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TT-65-64334 Field 8N, 8E, 8B

Adam, N. V.; Orlov, V. P.
WORLD MAPS OF ISOPORS FOR THE PERIOD OF 1954-1959 (Mirovye Karti Izopor dlya Perioda). Tr. by Robert D. Hill. Sep 65, 18p, 4refs. TC-942; AD-623 437.
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09 ELECTRONICS AND ELECTRICAL ENGINEERING

C. Electronic and electrical engineering

NCH-202 705 Field 9C

Leysieffer, H.; Witt, K.
TRANSISTORIZED LINE EQUIPMENT FOR COAXIAL CABLES. 1965, 5p. ATS-92S87G.
Order from ATS: $9.85 as ATS-92S87G

Trans. of Siemens Zeitschrift (West Germany) v39 n4 p320-2 1965.

TT-65-14100 Field 9C

Bahring, H.
PROCESS AND APPARATUS FOR THE AUTOMATIC REGULATION OF THE PHASE RELATIONSHIP OF THE SHAFT OF AN ELECTRIC MOTOR. 7p (figs omitted) 1ref.
Order from SLA: $1.10 as TT-65-14100

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Patented by Fernseh G.m.b.H., filed 20 July 60, granted 4 Feb 65.

TT-65-14103 Field 9C

Landgraf, W. C.
PROCESS FOR THE PREPARATION OF A MAGNETIC PIGMENT. 3p.
Order from SLA: $1.10 as TT-65-14103

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TT-65-14105 Field 9C

Akimoto, K.
VARIABLE SCANNING DENSITY SYSTEM. 3p (figs omitted).
Order from SLA: $1.10 as TT-65-14105

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Patent application Showa 35-28,595, by Oki Denki Kogyo K. K., Tokyo, Japan, filed 23 June 60, pub. 16 July 64.

TT-65-30003 Field 9C, 9B, 12B, 14C

CONTROL AND CONFIGURATION OF OPTIMAL ELECTRICAL NETWORKS. 28 Dec 64, 39p, 23refs. JPRS-28005.
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E. Subsystems

TT-65-64192 Field 9E, 6L

ELECTRONICS IN MEDICINE (NOTES ABOUT SOVIET TECHNOLOGY). 8 Oct 65, 6p. FTD-TT-65-1234; AD-622 467.
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10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

TT-65-14298 Field 10A

Huettner, F.
THE HUTTNER TURBINE (Die Huettner-Turbine). 15p (foreign text included) 1ref.
Order from SLA: $1.60 as TT-65-14298

Trans. of ETZ Elektroctechnische Zeitschrift. Ausgabe A. Zentralblatt fuer Elektrotechnik (Germany) v55 n30 p742-4 1934.

11 MATERIALS

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Yamamoto, K.
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Order from SLA: $3.60 as TT-65-14407

Trans. of Nihon Kikai Gakkai-Shi (Japan) v63 n502 p1474-82 1960.

A. Adhesives and seals

NCH-202 742 Field 11A

Vershinin, Yu. N.
EFFECT OF LOW-FREQUENCY ELECTRIC FIELDS ON THE SETTING OF MINERAL BINDING AGENTS. 1965, 7p. ATS-47S87R.
Order from ATS: $11.35 as ATS-47S87R

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Stroitelstvo i Arkhitektura (USSR) n1 p36-42 1963.

B. Ceramics, refractories and glasses

NCH-202 646 Field 11B

Oreshkin, P. T.
ELECTRIC CONSOLIDATION OF INDUSTRIAL REFRACTORIES. Oct 65, 600wds. HB-6682.
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NCH-202 676 Field 11B, 11F, 13H

Simonov, K. V.
MANUFACTURE AND TESTING OF TAR-BONDED DOLOMITE-MAGNESITE BRICK. Oct 65, 2200wds. HB-6529.
Order from HB: $5.80 as HB-6529

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TT-65-14138 Field 11B

Baumer, H.
BORON COMPOUNDS IN GLASS MELTING. 5p.
Order from SLA: $1.10 as TT-65-14138

Trans. of Sprechsaal (West Germany) v98 n4 p77-8 1965.

TT-65-14408 Field 11B

Trier, W.; Straub, F.
HEAT LOSS FROM GLASS IN THE BLANK MOLD (Waermeabgabe des Glases in der Vorform). 22p (foreign text included) 15refs.
Order from SLA: $2.60 as TT-65-14408

Trans. of Glastechnische Berichte (West Germany) v36 n7 p253-8 1963.
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TT-65-14409 Field 11B

Jacobson, G. B.
PROCEDURE IN MELTING GLASS IN FURNACES (Foerfaringssaett vid Smaeltning av Glas i Ugnar). 6p (foreign text included).
Order from SLA: $1.10 as TT-65-14409

Trans. of Patent (Sweden) 176 588.
Patent cl 32 a, gr 1, international cl C 03 b, by AB Surte Glasbruk, Surte, granted 13 July 61, pub. 19 Sep 61, patent in force as of 16 Sep 49.

TT-65-14410 Field 11B

Ganss, H.
THE CLEANING OF GLASS MOLDS (Reinigung von Glasformen). 31p (foreign text included) 10refs.
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Trans. of Deutsche Glastechnische Gesellschaft. Fachausschussbericht (West Germany) n60 p599-607 1961.

TT-65-14411 Field 11B

Lambert, R.
ELECTRODE CORROSION IN HEATING GLASS MELTS BY JOULE'S EFFECT (Reaction de la Matiere des Electrodes sur le Verre dans le Chauffage d'un Bain par Effet Joule). 14p (foreign text included).
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TT-65-14412 Field 11B

Eden, C.
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Trans. of Glasstechnische Berichte (West Germany) v34 n5 p120-2 1961.

TT-65-14416 Field 11B

Kostomaroff, V.; Rey, M.
MEASUREMENT OF HEATS OF REACTION BY DIFFERENTIAL THERMAL ANALYSIS (Mesure des Chaleurs de Reaction par l'Analyse Thermique Differentielle). Paper presented to the Study Conference of the Belgian Association to Aid the Study of Glass and Silicious Compounds, Brussels. 1961, 29p (foreign text included) 15refs.
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Trans. of Silicates Industriels (Belgium) v28 n1 p9-17 1963.

TT-65-14418 Field 11B

Vach, J.
SURVEY OF ELECTRICAL GLASS MELTING PRINCIPLES. PT II. TYPES OF INDUSTRIAL ELECTRIC MELTING FURNACES (Prehled Principu Elektrickeho Taveni Skla. II. Typy Prumyslovych Tavicich Elektrickych pecl). 19p (foreign text included) 110refs.
Order from SLA: $1.60 as TT-65-14418

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TT-65-14419 Field 11B

Vach, J.
SURVEY OF ELECTRICAL GLASS MELTING PRINCIPLES. I. PHYSICAL AND ELECTRICAL PRINCIPLES (Prehled Principu Elektrickeho Taveni Skla. I. Fyzikalni a Elektricke Zaklady). 20p (foreign text included).
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TT-65-14460 Field 11B

Faulstich, M.
MULTI-COMPONENT SYSTEMS FOR THE SYNTHESIS OF OPTICAL GLASSES. PT 2. SYSTEM B2O3-La2O3-ThO2-Ta2O5-Nb2O5 (Mehrstoffsysteme zum Aufbau Optischer Glaeser. Teil II. System B2O3-La2O3-ThO2-Ta2O5-Nb2O5). 18p (foreign text included) 50refs.
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TT-65-14461 Field 11B

Jahn, W.
MULTI-COMPONENT SYSTEMS FOR THE SYNTHESIS OF OPTICAL GLASSES. PT 3. NEW OPTICAL GLASSES BASED ON FLUORINE (Mehrstoffsysteme zum Aufbau Optischer Glaeser. Teil III. Neue Optische Glaeser auf Fluoridbasis). 46p (foreign text included) 5refs.
Order from SLA: $4.60 as TT-65-14461

Trans. of Glastechnische Berichte (West Germany) v34 n3 p107-20 1961.

TT-65-14462 Field 11B

Edens, A. H.
A METHOD AND APPARATUS FOR THE MANUFACTURE OF GLASS ROD AND TUBING HAVING A HEATING AND COOLING ZONE AROUND A DOWNWARD INCLINED MANDREL (Verfahren und Vorrichtung zur Herstellung von Stab- und Rohrglas mit einer Erhitzungs- und Kuehlzone um einen Schraeg Herabgerichteten Dorn). 13p (foreign text included).
Order from SLA: $1.60 as TT-65-14462

Trans. of Patent (Germany) 1 114 008.
Patent application N 18,247 VIb/32a, cl 32a, gr 24/02, international cl C 03 b, by N. V. Philips' Gloeilampenfabrieken, Eindhoven, Netherlands, filed 28 Apr 60, granted 21 Sep 61 (Priority: Netherlands, 2 May 59).

TT-65-14463 Field 11B

Eckert, F.
PROCESS FOR THE DRAWING OF GLASS TUBES (Vorrichtung zum Ziehen von Glasroehren). 15p (foreign text included).
Order from SLA: $1.60 as TT-65-14463
Trans. of Patent (Germany) 1 068 440.
Patent application E 15,013 IVc/32a, cl 32a, gr 23/02, international cl C 03 b, filed 29 Nov 57, laid out for public inspection 5 Nov 59.

TT-65-14464 Field 11B

PROCESS FOR THE PRODUCTION OF TRANSPARENT ARTICLES IN THE FORM OF TUBES OR RODS, OBTAINED ARTICLES, AND FURNACE, WITH DEVICE FOR PLACING MATERIAL INTO FURNACE (Procede pour Fabriquer des Articles Transparents en Forme de Tubes ou Baguettes, Articles Obtenus, et Four, avec Dispositif d'Enfournement y Relatifs). 19p (foreign text included).
Order from SLA: $1.60 as TT-65-14464

Trans. of Patent (France) 1 261 831.
Patent file No. 832,326, international cl C 03 b, by N. V. Philips' Gloeilampenfabrieken, Netherlands, filed 7 July 60, granted 10 Apr 61 (Priority: Netherlands, appl. No. 241,014, 7 July 59).

TT-65-14525 Field 11B

Scholze, H.
THE INCORPORATION OF WATER IN GLASSES. PT I. THE INFLUENCE OF WATER DISSOLVED IN GLASS ON THE INFRARED SPECTRUM AND THE QUANTITATIVE INFRARED-SPECTROSCOPIC DETERMINATION OF WATER IN GLASSES (Der Einbau des Wassers in Glaesern. I. Der Einfluss des im Glas Geloesten Wassers auf das Ultrarot-Spektrum und die Quantitative Ultrarotspektroskopische Bestimmung des Wassers in Glaesern). 25p (foreign text included) 14refs.
Order from SLA: $2.60 as TT-65-14525

Trans. of Glastechnische Berichte (West Germany) v32 n3 p81-8 1959.

TT-65-14526 Field 11B

Scholze, H.
THE INCORPORATION OF WATER IN GLASSES. PT II. IR MEASUREMENTS ON SILICATE GLASSES WITH SYSTEMATICALLY VARIED COMPOSITION AND INTERPRETATION OF THE OH BANDS IN SILICATE GLASSES (Der Einbau des Wassers in Glaesern. II. UR-Messungen an Silikatglaesern mit Systematisch Variierter Zusammensetzung und Deutung der OH-Banden in Silikatglaesern). 32p (foreign text included) 16refs.
Order from SLA: $3.60 as TT-65-14526

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TT-65-14527 Field 11B

Scholze, H.
THE INCORPORATION OF WATER IN GLASSES. PT III. INFRARED MEASUREMENTS OF OTHER GLASSES (Der Einbau des Wassers in Glaesern. III. UR-Messungen an Weiteren Glaesern). 10p (foreign text included) 6refs.
Order from SLA: $1.10 as TT-65-14527

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TT-65-14528 Field 11B

Scholze, H.
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Order from SLA: $2.60 as TT-65-14528

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TT-65-14529 Field 11B

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TT-65-14530 Field 11B

Scholze, H.; Franz, H.; Merker, L.
THE INCORPORATION OF WATER IN GLASSES. PT VI. THE INFLUENCE OF WATER ON SEVERAL PROPERTIES OF GLASS, ESPECIALLY ON DENSITY AND REFRACTIVE INDEX (Der Einbau des Wassers in Glaesern. VI. Der Einfluss des Wassers auf Einige Glaseigenschaften, Insbesondere auf Dichte und Lichtbrechung). 21p (foreign text included) 9refs.
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C. Coatings, colorants and finishes

NCH-202 683 Field 11C

Kokado, H.; Yamaguchi, T.
PHYSICAL PROPERTIES OF ZINC OXIDE AND PHOTOCONDUCTIVITY IN PARTICULAR. 1965, 16p. ATS-17S87J.
Order from ATS: $26.50 as ATS-17S87J

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NCH-202 745 Field 11C

Markevich, N. N.; Putseiko, E. K.
OPTICAL SENSITIZATION OF THE PHOTOEFFECT OF ZINC OXIDE AND THE ADSORPTION ISOTHERMS OF DYES. 1965, 9p. ATS-26S87R.
Order from ATS: $14.85 as ATS-26S87R

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v36 n11 p2393-9 1962.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

TT-65-14112 Field 11C

STRIPPING COMPOSITIONS OF THE 'FLUSH-OFF' TYPE. 3p.
Order from SLA: $1.10 as TT-65-14112

Trans. of Patent (Belgium) 646 151.
Patented by Solvay et Cie, Brussels, filed 6 Apr 64.

TT-65-14173 Field 11C, 20B

Blanchard, M. L.
CONTRIBUTION TO THE STUDY OF LATTICE DEFECTS OF ZINC OXIDE BY MEANS OF THE DIELECTRIC METHOD. 6p (figs refs omitted).
Order from SLA: $1.10 as TT-65-14173

Trans. of Peintures, Pigments, Vernis (France) v40 n4 p184-8 1964.

TT-65-14496 Field 11C

AQUEOUS POLYMER DISPERSION FOR IMPROVED COATING. 10p.
Order from SLA: $1.10 as TT-65-14496

Trans. of Patent (Belgium) 606 711.
Patented by Imperial Chemical Industries Ltd., 28 July 61 (Priority: Gt. Brit., appl. 29 July 60, pub. 7 July 61).

TT-65-14497 Field 11C

IMPROVED COATING PROCESS. 11p.
Order from SLA: $1.60 as TT-65-14497

Trans. of Patent (Belgium) 606 712.
Patented by Imperial Chemical Industries Ltd., 28 July 61 (Priority: Gt. Brit., 7 July 61).

TT-65-14570 Field 11C

Brockes, A.
THE INFLUENCE OF GLOSSY SURFACES ON REMISSION MEASUREMENTS. 13p, 17refs.
Order from SLA: $1.60 as TT-65-14570

Trans. of die Farbe (West Germany) v9 p53-62 1960.

TT-65-14644 Field 11C, 11L

Wallenfang, W. O.
THE WOOD-PENETRATING POWER OF OILS AND RESIN SOLUTIONS. 18p (figs refs omitted).
Order from SLA: $1.60 as TT-65-14644

Trans. of Farbe und Lack (West Germany) v70 n4 p258-63 1964.

D. Composite materials

TT-65-64455 Field 11D, 11I, 11C

Semenov, A. P.; Matveevskii, R. M.; Pozdnyakov, V. V.
A SOVIET STUDY OF TEFLON-BASED ANTIFRICTION MATERIALS: SUMMARY OF DATA. 17 Apr 64, 19p.
AID-U-64-25; AD-623 244.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as AD-623 244

Partial trans. and abstracts of mono. Tekhnologiya Izgotovleniya i Svoistva Soderzhashchikh Ftoroplast Antifriktsionnykh Materialov; Osnovnye Printsipi Proizvodstva, Moscow, 1963 p64.

E. Fibers and textiles

NCH-202 697 Field 11E, 11C

Miyamichi, K.; Suzuki, R.; Senoo, T.; Ueki, S.
A METHOD FOR THE MANUFACTURE OF EASILY DYEABLE POLYPROPYLENE FIBERS. 1965, 3p.
ATS-73S85J.
Order from ATS: $5.00 as ATS-73S85J

Trans. of Patent (Japan) 27 636.
Application 45 720 (1962), patent appl. filed 20 Oct 62, pub. 2 Dec 64 by Nitto Boseki Co. Ltd.

NCH-202 718 Field 11E, 11C

SPECTROSCOPIC STUDIES ON INTERACTION BETWEEN DIRECT DYES AND NONIONIC SURFACTANTS, PT. 8. 1965, 7p. ATS-45S87J.
Order from ATS: $8.95 as ARS-45S87J

Trans. of Sen-i Gakkaishi (Japan) v20 n10 p662-5 1964.

NCH-202 730 Field 11E, 11C

Urata, Y.; Morikawa, M.
EASILY DYEABLE POLYOLEFINS. 1965, 4p.
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Order from ATS: $8.00 as ATS-74S85J

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Patent pub. 2 Dec 64 by Toyo Rayon Co., Ltd. Appl no 878 (1961) filed 12 Jan 61.

TT-65-14104 Field11E

Amano, Y.; Shimizu, H.; Jibiki, K.
CARBON FIBER PREPARING PROCESSES. 2p.
Order from SLA: $1.10 as TT-65-14104

Trans. of Patent (Japan) pub. 39 16 681.
Patent application Showa 36-9694, by Matsushita Denki Sangyo K. K., Kadoma-shi, Japan, filed 18 Mar 61, pub. 13 Aug 64.

TT-65-14108 Field 11E

SELFBONDED FIBROUS MATERIALS WITH IMPROVED MECHANICAL PROPERTIES. 25p, 5refs.

Order from SLA: $2.60 as TT-65-14108

Trans. of Patent (Belgium) 644 588.
Patented by E. I. Du Pont de Nemours and Co., Wilmington, Del., USA, filed 2 Mar 64 (Priority, Italy, 29 Aug).

TT-65-14159 Field 11E

NEW LOOPED FIBERS AND PROCESS FOR PRODUCING THESE FIBERS. 24p.
Order from SLA: $2.60 as TT-65-14159

Trans. of Patent (France) 1 390 487.
Patented by Mitsubishi Rayon Co., Ltd. and Mitsubishi Vonnel Co., Ltd., Japan, filed 19 Feb 64, granted 18 Jan 65 (Priority: Japan, appl. Showa 38-8898, 20 Feb 63, Showa 38-34,847, 2 July 63, and Showa 38-44,253, 19 Aug 63).

TT-65-14175 Field 11E

Natus, D.; Sauer, H.
THE INFLUENCE OF DIFFERENT SPINNING CONDITIONS ON THE STRETCHING PROCESS. 18p (figs refs omitted).
Order from SLA: $1.60 as TT-65-14175

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Another trans. is available from ATS $22.75 as ATS-69M37G, 15p.

TT-65-14177 Field 11E

Einsporn, O.
VENTILATION SYSTEMS FOR POLYAMIDE-6 THREAD AND FILAMENT PRODUCTION AND PROCESSING (Luft-technische Anlagen in der Polyamid-6-Seide-und-Faserherstellung und - Weiterverarbeitung). 19p (foreign text included) 11refs.
Order from SLA: $1.60 as TT-65-14177

Trans. of Melliand Textilberichte (West Germany) v40 n1 p27-30 1959.

TT-65-14183 Field 11E

Ramaszeder, M. K.
PROGRESS IN TEXTILE MICROSCOPY. A NEW STERIC CONDENSER. 7p.
Order from SLA: $1.10 as TT-65-14183

Trans. of Industrie Textile (France) v77 n884 p693-6 1960.

TT-65-14188 Field 11E

Friele, L. F. C.; Selling, H. J.
COMPARATIVE LIGHT EXPOSURE TESTS WITH DAYLIGHT, XENON-TEST, FUGITOMETER C.P.A. -FADING LAMP AND FADEOMETER. 13p.
Order from SLA: $1.60 as TT-65-14188

Trans. of Melliand Textilberichte (West Germany) v38 n11 p1269-73 1957.
Another trans. is available from ATS as ATS-54K10G, 10p.

TT-65-14191 Field 11E

Iwanow, N.; Schneider, R.
A CELL WITH CIRCULATING BATH FOR MICROSCOPIC STUDY OF THE PHENOMENA OF DYEING FIBERS. 12p, 5refs.
Order from SLA: $1.60 as TT-65-14191

Trans. of Institut Textile de France. Bulletin, n78 p27-36 1958.

TT-65-14268 Field 11E

Fluegel, W.; Peter, A.; Egli, H.
THE SANDOCRYL PROCEDURE OF DYEING POLYACRYLONITRILE FIBER BY THE CUPROUS ION METHOD. 9p.
Order from SLA: $1.10 as TT-65-14268

Trans. of Textil-Rundschau (Switzerland) v9 n10 p509-14 1954.

TT-65-14318 Field 11E

FABRIC WIDTH. 2p.
Order from SLA: $1.10 as TT-65-14318
Trans. of Patent (Belgium) 646 975.
Patented by Farbwerke Hoechst A. G., filed 23 Apr 64 (Priority: Germany, Utility model appl., 23 Apr 63).

TT-65-14374 Field 11E

Iovleva, M. M.; Mikhailov, N. V.; Mikheleva, G. A.; Shablygin, M. V.; Papkov, S. P.
THE PROPERTIES OF GEL PARTICLES IN SPINNING SOLUTIONS. 12p, 13refs.
Order from SLA: $1.60 as TT-65-14374

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TT-65-14573 Field 11E

Kuhn, M.; Hennige, E.; Sodnik, M.
MODIFICATION OF CELLULOSIC FIBRES. II. DEPOSITION OF REACTIVE POLYMERS IN COTTON. 13p (refs omitted).
Order from SLA: $1.60 as TT-65-14573

Trans. of Melliand Textilberichte (West Germany) v46 n1 p67-72 1965.

TT-65-14595 Field 11E

Fourne, F.
MELT SPINNING PROCESS FOR SYNTHETIC FIBERS AND THREADS. 20p, 15refs.
Order from SLA: $1.60 as TT-65-14595
Trans. of Textil Praxis (West Germany) v19 n12 p1169-78 1964.

TT-65-14628 Field 11E, 7C

Wlodarski, G.
INVESTIGATION ON THE REACTION OF SULPHURIC ACID WITH CELLOLOSE DURING ACETYLATION. 10p, 24refs.
Order from SLA: $1.10 as TT-65-14628
Trans. of Lodz Politechnika. Zeszyty Naukowe. Wlokiennictwo (Poland) n9 p5-15 1962.

F. Metallurgy and metallography

NCH-202 644 Field 11F

Farafanov, V. K.
EFFECT OF TITANIUM, COLUMBIUM, SILICON AND

ALUMINUM ON THE SOFTENING OF CHROME-NICKEL AUSTENITE. Oct 65, 1800wds. HB-6571.
Order from HB: $4.80 as HB-6571

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n4 p164-8 1965.

NCH-202 645 Field 11F, 13H

Balalaev, Yu. F.
HIGH-TEMPERATURE FAILURE OF METALS UNDER THE ACTION OF ULTRASONIC VIBRATIONS. Oct 65, 1700wds. HB-6482.
Order from HB: $3.80 as HB-6482

Trans. of Fizika Metallov i Metallovedenie (USSR) v19 n5 p735-40 1965.
See also 'Translated or Abstracted Publications,' in Vol. 14, No. 8.

NCH-202 647 Field 11F

Zemskov, G. V.; Kaidash, N. G.
SURFACE IMPREGNATION OF STEEL WITH BORON AND ALUMINUM. Oct 65, 1200wds. HB-6481.
Order from HB: $3.50 as HB-6481

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n4 p51-3 1965.
See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

NCH-202 648 Field 11F, 13H

Samsonov, G. V.; Kislyi, P. S.
PROTECTIVE SHEATHS FOR THERMOCOUPLES USED IN THE CONTINUOUS MEASUREMENT OF LIQUID METAL TEMPERATURES. Oct 65, 1600wds. HB-6680.
Order from HB: $4.50 as HB-6680

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

NCH-202 651 Field 11F, 21D

Ovchinnikov, Yu. N.
STABILIZATION OF THE THERMAL STATE OF A BLAST FURNACE WITH INJECTION OF FUEL THROUGH THE TUYERES. Oct 65, 2400wds. HB-6593.
Order from HB: $6.70 as HB-6593
Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n6 p27-32 1965.

NCH-202 656 Field 11F

Aizentson, E. G.
ISOTHERMAL DECOMPOSITION OF AUSTENITE IN CHROME-TUNGSTEN-MANGANESE STEEL UNDER ULTRASONIC VIBRATIONS. Oct 65, 1300wds. HB-6383.
Order from HB: $3.90 as HB-6383
Trans. of Akademiya Nauk SSSR. Izvestiya. Metally, n3 p123-7 1965.

NCH-202 658 Field 11F

Hirai, H.
EXPERIMENTS ON THE FORMATION OF SULFIDE INCLUSIONS IN STEEL, PT. 1. Oct 65, 1300wds. HB-6608.
Order from HB: $4.50 as HB-6608

Trans. of Tetsu to Hagane (Japan) v49 n10 p1461-3 1963.

NCH-202 659 Field 11F, 13H

Kawakami, K.; Itaoka, T.
FUNDAMENTAL CONDITIONS FOR THE PRODUCTION OF ALLOY STEELS IN THE BASIC OXYGEN LD FURNACE. Oct 65, 1700wds. HB-6445.
Order from HB: $5.90 as HB-6445

Trans. of Tetsu to Hagane (Japan) v50 n11 p1712-5 1964.

NCH-202 660 Field 11F, 13H

Fujii, T.; Araki, T.
ON THE CARBON ELIMINATION IN BASIC OXYGEN LD FURNACES WITH A SYSTEM FOR UNBURNED GAS RECOVERY. Oct 65, 1800wds. HB-6414.
Order from HB: $6.50 as HB-6414

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NCH-202 661 Field 11F, 13H

Siegel, H.
EXPERIENCE WITH AN AUTOMATIC X-RAY FLUORESCENCE INSTRUMENT INSTALLED AT AN ALLOY STEEL PLANT. Oct 65, 3700wds. HB-6547.
Order from HB: $9.80 as HB-6547

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n3 p167-73 1965.

NCH-202 662 Field 11F

Langenscheidt, G.; Naumann, F. K.
HOW TO DISTINGUISH IRON CARBIDE FROM IRON NITRIDES BY ETCHING. Oct 65, 2300wds. HB-6609.
Order from HB: $6.70 as HB-6609

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n7 p505-8 1965.

NCH-202 663 Field 11F

Oelsen, W.; Sauer, K. H.; Keller, H.
THE CHEMICAL ISOLATION OF OXIDE INCLUSIONS IN RIMMED STEEL. Oct 65, 2500wds. HB-6611.
Order from HB: $6.80 as HB-6611
Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n7 p529-31 1965.

NCH-202 664 Field 11F, 7A, 13H

Remmers, K.
DUST EXTRACTION FROM CUPOLAS BY MEANS OF VENTURI TUBE SCRUBBERS. Oct 65, 1600wds. HB-6523.
Order from HB: $4.70 as HB-6523
Trans. from Giesserei (West Germany) v52 n7 p191-3 1965.

NCH-202 670 Field 11F, 13H

Homma, E.
ON THE IRON-OXIDE COOLANTS IN THE BASIC OXYGEN LD PROCESS. Oct 65, 3200wds. HB-6436.
Order from HB: $9.80 as HB-6436
Trans. of Tetsu to Hagane (Japan) v50 n13 p2166-75 1964.

NCH-202 671 Field 11F, 13H

Morita, Sh.
OPERATING RESULTS WITH THE USE OF MULTIPLE-HOLE LANCE NOZZLES AT THE NO. 1 BASIC OXYGEN

LD PLANT AT TOBATA (JAPAN). Oct 65, 1400wds. HB-6412.
Order from HB: $5.30 as HB-6412

Trans. of Tetsu to Hagane (Japan) v50 n11 p1733-5 1964.

NCH-202 672 Field 11F, 13H

Aihara, M.
SIMULATANEOUS OPERATION OF BOTH OF THE TWO FURNACES MAKING UP THE NO. 2 TOBATA BASIC OXYGEN LD PLANT. Oct 65, 1500wds. HB-6415.
Order from HB: $5.60 as HB-6415

Trans. of Tetsu to Hagane (Japan) v50 n11 p1740-2 1964.

NCH-202 677 Field 11F

Finkel, V. M.
SOME FEATURES OF THE BRANCHING OF CRACKS IN STEELS. Oct 65, 1700wds. HB-6501.
Order from HB: $4.80 as HB-6501

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NCH-202 678 Field 11F

Dawihl, W.; Frisch, B.
RELATIONSHIP BETWEEN STRUCTURE, CREEP BEHAVIOR, AND HARDNESS OF ALLOYS IN THE WC-TIC-CO SYSTEM. Oct 65, 5900wds. HB-6630.
Order from HB: $14.50 as HB-6630

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v36 n6 p449-55 1965.

TT-65-14115 Field 11F, 20B

Zedler, E.; Mueller, D.; Wiesner, U.
ON ELECTRON BEAM MELTING, DEFORMATION AND RECRYSTALLIZATION OF NIOBIUM AND TANTALUM. 13p, 16refs.
Order from SLA: $1.60 as TT-65-14115

Trans. of Zeitschrift fuer Metallkunde (West Germany) v56 n5 p316-9 1965.

TT-65-14166 Field 11F

Torikai, N.
MECHANISM OF CALCIUM CARBIDE PRODUCING FUSED-PHASE REACTION. 9p (figs tables omitted) 4refs.
Order from SLA: $1.10 as TT-65-14166

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n1 p174-9 1965.

TT-65-14190 Field 11F

Elssner, G.
DECORATIVE AND TECHNICAL SURFACE PROTECTION OF ALUMINUM. 14p, 7refs.
Order from SLA: $1.60 as TT-65-14190

Trans. of Industrie Anzeiger (West Germany) v84 n61 p1530-3 1962.

TT-65-14295 Field 11F

Fedotev, N. P.; Kinkulskaya, R. N.
ELECTROLYTIC PRODUCTION OF ALKALI METALS FROM NONAQUEOUS SOLUTIONS (Elektroliticheskoe Poluchenie Shchelochnykh iz Nevodnykh Rastvorov). 56p (foreign text included) 41refs.
Order from SLA: $5.60 as TT-65-14295

Trans. of Pervaya Vsesoyuznaya Konferentsiya Nevodnium Rastvoram. Sbornik Trudov, 1935 p114-41.
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TT-65-14375 Field 11F

Billion, M.; Langeron, J. P.
A NEW METHOD OF PREPARING LARGE CRYSTALS OF ZIRCONIUM (Sur une Nouvelle Methode de Preparation de Gros Cristaux de Zirconium). 8p (foreign text included) 10refs.
Order from SLA: $1.10 as TT-65-14375

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TT-65-14577 Field 11F

Vulf, B. K.; Chernov, M. N.
EFFECT OF TERNARY INTERMETALLIC COMPOUNDS ON THE STRENGTH AT HIGH TEMPERATURE OF WROUGHT ALUMINUM ALLOYS. 7p (3 figs omitted) 15refs.
Order from SLA: $1.10 as TT-65-14577

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TT-65-14592 Field 11F

Moreau, J.; Benard, J.
ON THE REVERSIBLE STRIATION OF IRON AND ITS ALLOYS. 11p (figs omitted) 18refs.
Order from SLA: $1.60 as TT-65-14592

Trans. of Acta Metallurgica (U.S.) v10 n3 p247-51 1962.

TT-65-14601 Field 11F, 20B

Cabane-Brouty, F.; Oudar, J.; Benard, J.
QUANTITATIVE STUDY OF THE REVERSIBLE STRIATION EQUILIBRIA OF SILVER IN WEAKLY SULPHURIZING ATMOSPHERES. 4p, 7refs.
Order from SLA: $1.10 as TT-65-14601

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TT-65-14643 Field 11F

Sick, H.
THE EFFECT OF RED LEAD ON ALUMINIUM (Ueber die Wirkung von Mennige auf Aluminium). 9p (foreign text included) 10refs.
Order from SLA: $1.10 as TT-65-14643

Trans. of Aluminium (West Germany) v41 n4 p242-4 1965.

TT-65-14686 Field 11F, 7D

Lusis, A. Kh.; Lepin, L. K.
ON THE APPLICATION OF THE ELECTRON-OPTICAL METHOD IN INVESTIGATIONS OF THE FIRST OXIDATION STAGES OF METALS. 14p, 4refs.
Order from SLA: $1.60 as TT-65-14686

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TT-65-14722 Field 11F, 7D

Rickert, H.
ELECTROCHEMICAL INVESTIGATIONS ON THE HIGH TEMPERATURE CORROSION OF METALS. 29p, 24refs.
Order from SLA: $2.60 as TT-65-14722

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TT-65-28308 Field 11F

Adamiczka, J.; Krupkowa, D.
TRAITEMENT HYDROMETALLURGIQUE DE L'OXYDE DE ZINC PROVENANT DES FOURS WAELZ. CNRS-H/X-43; Org.156-502.
Order from CNRS as CNRS-65-H/X-43

Trans. in French of Rudy i Metale Niezelazne (Poland) v7 n10 p450-3 1962.

TT-65-28313 Field 11F

Leitner, J.
EVALUATION DE LA REDUCTIBILITE DES MINERAIS DE PER ET DE LEURS AGGLOMERES. CNRS-H/X-55; Org.2-IRSID-2294 P.101.
Order from CNRS as CNRS-65-H/X-55

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TT-65-30363 Field 11F

USSR INDUSTRIAL DEVELOPMENT: SOVIET FERROUS METALLURGY NO. 240. 19 Feb 65, 38p. JPRS-28834.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as TT-65-30363

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TT-65-30472 Field 11F

MARAGING STEELS AND ALLOYS. 10 Mar 65, 37p, 26refs. JPRS-29054.
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G. Miscellaneous materials

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Order from SLA: $2.60 as TT-65-14499

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TT-65-14507 Field 11I

Schwab, O.
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Order from SLA: $1.60 as TT-65-14584

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Order from SLA: $1.10 as TT-65-14627

Trans. of Patent (Germany) 1 191 299.
Patent cl 82 a, gr 1/01, international cl F 26 b, by Vereinigte Glanzstoff-Fabriken A. G., Wuppertal-Elberfeld, filed 23 July 60, pub. 15 Apr 65.

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TT-65-14664 Field 11I, 11C

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J. Rubbers

TT-65-14171 Field 11J

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Order from SLA: $2.60 as TT-65-14171

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TT-65-14172 Field 11J

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THE VULCANIZATION OF HIGH ELASTICITY POLYMERS. REPT. NO. 52. THE INFLUENCE OF FILLERS ON THE COURSE OF VULCANIZATION REACTIONS. 4. 14p, 8refs.
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TT-65-14219 Field 11J

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Order from SLA: $1.10 as TT-65-14320

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TT-65-14470 Field 11J

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L. Wood and paper products

NCH-201 605 Field 11L, 2A, 6M

Haider, K.; Lim, S.; Flaig, W.
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Order from ATS: $15.80 as ATS-40S87R

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TT-65-14509 Field 11L

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THE PREPARATION OF WET RESISTANT PAPER THROUGH ADDITION TO THE HOLLANDER WITH SPECIAL CONSIDERATION OF THE EFFECTS OF POLYETHYLENIMINE. 20p, 13refs.
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Trans. of das Papier (West Germany) v2 n15/16 p265-75 1948.

TT-65-14580 Field 11L

Imset, O.
UPGRADING FIBROUS MATERIALS THROUGH BEATING AND THE RAPID CLASSIFICATION OF THIS PROCESS. Paper presented at the European Congress of Pulp and Paper Technology, Venice, 16 Sep 64. 20p, 19refs.
Order from SLA: $1.60 as TT-65-14580

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Another trans. is available from SLA $1.60 as TT-65-14397, 20p.

TT-65-14588 Field 11L

Hartler, N.
THE POSSIBILITIES OF HIGHER YIELDS IN SULPHATE COOKING. 11p, 30refs.
Order from SLA: $1.60 as TT-65-14588

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Wultsch, F.; Salzer, H.
INVESTIGATIONS OF THE SUITABLITY OF WET BARKING FOR UNRAFTED ALPINE TIMBER. 39p.
Order from SLA: $3.60 as TT-65-14594

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TT-65-14604 Field 11L, 14B

Polt, R. I.
METER FOR MEASURING THE MOISTURE OF PAPER WEB. 8p.
Order from SLA: $1.10 as TT-65-14604

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12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

TT-65-14590 Field 12A

Grishin, V. B.
ON THE GIBBS' PHENOMENON IN THE APPROXIMATION OF FUNCTIONS BY ALGEBRAIC POLYNOMIALS. 5p, 5refs.
Order from SLA: $1.10 as TT-65-14590

Trans. of Voprosy Matematicheskoi Fizki i Teorii Funktsii (USSR) n1 p18-24 1964.

TT-65-64497 Field 12A, 20K, 3B

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Order from CFSTI, SLA, or ETC: HC$6.00, MF$1.25 as AD-623 642

Edited machine trans. of Leningrad Univ. Vestnik (USSR) v18 n13 Seriya Matematiki, Mekhaniki i Astronomii n3 p1-152 1963.
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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

B. Civil engineering

NCH-202 717 Field 13B

Spohn, H.; Fischer, W. K.
STUDIES ON THE BEHAVIOR OF BIOLOGICALLY HARD

AND SOFT SURFACTANTS IN SEWAGE TREATMENT PLANTS, PT. 2. 1965, 20p. ATS-98S86G.
Order from ATS: $24.85 as ATS-98S86G

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TT-65-14612 Field 13B, 20A

Fasold, W.
EXAMINATION OF THE CRITERION CURVE FOR IMPACT NOISE PROTECTION IN DWELLINGS (Untersuchungen ueber den Verlauf der Solikurve fuer den Trittschallschutz im Wohnungsbau). 24p, 17refs.
Order from SLA: $2.60 as TT-65-14612

Trans. of Acustica (Switzerland) v15 n5 p271-84 1965.

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DISPOSITIONS PRISES PAR LE PRESIDENT DU CONSEIL DE MINISTRE LE 28 FEVRIER 1962, RELATIVES AUX CONDITIONS DE REJET ET AUX NORMES ADMISSIBLES POUR LES EAUX POLLUEES. CNRS-H/X-44; Org.179-15.
Order from CNRS as CNRS-65-H/X-44

Trans. in French of Dziennik Ustaw Polskiej Rzeczypospolitej Ludowej (sic) (Poland) n17 16 Mar 1962.

TT-65-31363 Field 13B

Kirillov, V. F.
CONSTANT OF ION DISAPPEARANCE AND ITS HYGIENIC SIGNIFICANCE. 29 Jun 65, 6p, 5refs. JPRS-30842.
Order from CFSTI, SLA, or ETC: HC$1.00, MF$0.50 as TT-65-31363

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See also 'Translated or Abstracted Publications,' in TT Vol. 14, No. 8.

C. Construction equipment, materials and supplies

TT-65-28298 Field 13C

Pellar, J.
ESSAI DE MECANISATION DANS LES TAILLES A COUCHES PUISSANTES ET REMBLAYAGE HYDRAULIQUE. CNRS-H/X-31; Org.54-1011-64 C.2420-45097.
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Trans. in French of Wiadomosci Gornicze (Poland) v15 n6 p189-95 1964.

TT-65-28314 Field 13C

Truka, O.
ETAT ACTUEL ET PERSPECTIVES DU REMBLAYAGE PNEUMATIQUE DANS LE BASSIN DE OKR. CNRS-H/X-56; Org.54-1012-64 B.54-45387.
Order from CNRS as CNRS-65-H/X-56

Trans. in French of Rudy (Czechoslovakia) v12 n7/8 p281-5 1964.

F. Ground transportation equipment

TT-65-14169 Field 13F

Moesken, K.
RESEARCHES ON FRICTION WEAR OF WHEEL MATERIALS. 21p (figs tables omitted).
Order from SLA: $2.60 as TT-65-14169

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Ilyin, K. P.; Vinogradov, G. P.
ADVANTAGES OF SPECIALIZED FREIGHT CARS. 8p.
Order from SLA: $1.10 as TT-65-14380

Trans. of Zheleznodorozhnyi Transport (USSR) v46 n12 p17-22 1964.

TT-65-14381 Field 13F

Bolkhovitinov, G. F.
HOW TO MAKE BETTER UTILIZATION OF DIESEL-LOCOMOTIVE POWER. 11p.
Order from SLA: $1.60 as TT-65-14381

Trans. of Zheleznodorozhnyi Transport (USSR) v47 n3 p52-7 1965.

TT-65-14382 Field 13F

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Order from SLA: $1.10 as TT-65-14382

Trans. of Zheleznodorozhnyi Transport (USSR) v47 n2 p82 1965.

TT-65-14384 Field 13F

Zubarev, V. V.
A NEW METHOD OF TRANSPORTING LONG SECTORS OF RAILS. 4p.
Order from SLA: $1.10 as TT-65-14384

Trans. of Zheleznodorozhnyi Transport (USSR) v47 n2 p37-8 1965.

TT-65-14385 Field 13F

Belyavskii, I. Yu.; Rogachev, V. G.
POLYETHYLENE PIPES IN RAILWAY TRANSPORT. 6p.
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Order from HB: $9.80 as HB-6632

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Order from SLA: $1.60 as TT-65-14107

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Patented by Ciba Societe Anonyme, filed 10 Feb 64 (Priority: Switzerland, 11 Feb 63).

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14 METHODS AND EQUIPMENT

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15 MILITARY SCIENCES

No Entries

16 MISSILE TECHNOLOGY

No Entries

17 NAVIGATION, COMMUNICATIONS DETECTION AND COUNTERMEASURES

B. Communications

TT-65-30211 Field 17B

HERALD OF COMMUNICATIONS, 1964, NO. 11 (SELECTED ARTICLES). 27 Jan 65, 116p. JPRS-28492.
Order from CFSTI, SLA, or ETC: HC$4.00, MF$1.00 as TT-65-30211

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For table of contents, see the 'Translated Tables of Contents' section of this issue.
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18 NUCLEAR SCIENCE AND TECHNOLOGY

TT-65-14518 Field 18-

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JPRS: 28,866

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VOL. 24, No. 12(297) 1964.

HERALD OF COMMUNICATIONS

No 12, 1964

Following is a translation of selected articles from the Russian-language periodical Vestnik svyazi (Herald of Communications), Vol XXIV, No 12, published by the Ministry of Communications USSR and the Central Committee of the Communications, Motor Transport and Highway Workers Trade Union, December, 1964, Moscow. Note: Original source pages are given in the left-hand margin. Summaried within brackets are those of the translator.

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(Traktory i Selkhozmashiny)

VOL. 35, NO. 4, 1965

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- USSR -

This serial publication contains translations of selected articles on Tractors and Agricultural Machinery in the Soviet Union on the specific subjects indicated in the table of contents. Complete bibliographical information accompanies each article.

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(Vestnik Svyazi)

JPRS: 32,397

HERALD OF COMMUNICATIONS

No 8, 1965

Following is a translation of selected articles from the Russian-language periodical Vestnik svyazi (Herald of Communications), Vol XXV, No 8, published by the Ministry of Communications USSR and the Central Committee of the Communications, Motor Transport and Highway Workers Trade Union, August, 1965, Moscow. Note: Original source pages are given in the left-hand margin. Summaries within brackets are those of the translator.

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JPRS: 28,492

HERALD OF COMMUNICATIONS

No 11, 1964
- USSR -

Following is a translation of the Russian-language periodical Vestnik svyazi (Herald of Communications), Vol XXIV, No 11, published by the Ministry of Communications USSR and the Central Committee of the Communications, Motor Transport and Highway Workers Trade Union, November, 1964, Moscow. Note: Original source pages are given in the left-hand margin. Summaries within brackets are those of the translator.

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RESEARCH ON THE STRUCTURE AND PROPERTIES OF HEAT RESISTING ALLOYS
(Issledovaniya Struktury i Svoistv Zharoprochnykh Splavov
Moscow)

JPRS: 29,180

STRUCTURE AND PROPERTIES OF HEAT-RESISTING ALLOYS

- USSR -

[Following are translations of articles taken from the Russian-language book Issledovaniya struktury i svoystv zharoprochnykh splavov (Research on the Structure and Properties of Heat-Resisting Alloys), Works of the Moscow Order of Lenin Aviation Institute imeni Sergo Ordzhonikidze, No 158, Moscow, 1964. Complete bibliographic information accompanies each article.]

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(Metallovedenie i Termicheskaya Obrabotka Metallov)
1964, NO. 11

JPRS: 29,054

MARAGING STEELS AND ALLOYS

- USSR -

Following is a translation of five articles in the Russian-language periodical Metallovedeniye i Termicheskaya Obrabotka Metallov (Metallography and Heat Treatment of Metals), Moscow, No 11, November 1964. Complete bibliographic information accompanies each article.

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HOC TAP STUDIES: SELECTED ARTICLES

(Hoc Tap)

NO. 6, 1965

JPRS: 31,139

TRANSLATIONS FROM HOC TAP (STUDIES)

No. 6, 1965

North Vietnam

This publication contains translations of articles from the Vietnamese-language periodical Hoc Tap (Studies), No. 6, 1965. Complete bibliographic information accompanies each article.

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JPRS: 28,652

HERALD OF AGRICULTURAL SCIENCE
(Vestnik Selskokhozyaistvennoi Nauki)

VOL. 9, NO. 11, 1964.

VEGETABLE, FODDER, GRAIN, AND LIVESTOCK STUDIES

- USSR -

[Following is the translation of six articles from the Russian-language journal Vestnik Selskokhozyastvennoi Nauki (Herald of Agricultural Science), Moscow, No 11, 1964. Additional bibliographic data accompanies each article.]

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AGROCHEMISTRY
(Agrokhimiya)

NO. 8, 1964.

JPRS: 28,596

SOVIET RESEARCH ON FERTILIZERS

(Following is the translation of selected articles in the Russian-language monthly periodical Agrokhimiya (Agrochemistry), No 8, Moscow, August 1964. Complete bibliographic information accompanies each article.)

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METALLURGICAL AND MINING INDUSTRY
(Metallurgicheskaya i Gornorudnaya Promyshlennost)

NO. 4(28) 1964

USSR Industrial Development

SOVIET FERROUS METALLURGY
No. 240

This serial publication contains translations of selected articles on ferrous metallurgy in the Soviet Union, on the specific subjects inducated in the table of contents. Complete bibliographic information accompanies each article.

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(Izvestiya Vysshikh Uchebnykh Zavedenii. Elektromekhanika)
VOL. 7, NO. 8, 1964: SELECTED ARTICLES

JPRS: 28 005

CONTROL AND CONFIGURATION OF OPTIMAL ELECTRICAL NETWORKS

- USSR -

Following is a translation of four articles in the Russian-language periodical Izvestiya Vysshikh Uchebnykh Zavedeniy, Elektromekhanika (News of Higher Educational Institutions, Electromechanics), No. 8, Novocherkassk, 1964, pages 958-963, 964-970, 979-990 and 1026-1027. Names of authors appear under each title.

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HERALD OF THE ACADEMY OF SCIENCES USSR
(Akademiya Nauk SSSR. Vestnik)
VOL. 34, NO. 10, 1964. JPRS: 28,890

TRANSLATIONS FROM VESTNIK AKADEMII NAUK SSSR
(Herald of the Academy of Sciences USSR)

No. 10, 1964

Following is a translation of eleven articles from the Russian-language periodical Vestnik Akademii Nauk SSSR, No 10, Moscow 1964. Complete bibliographic information accompanies each article.

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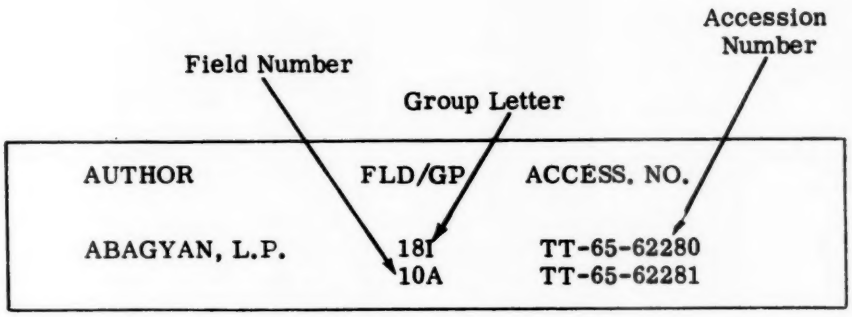

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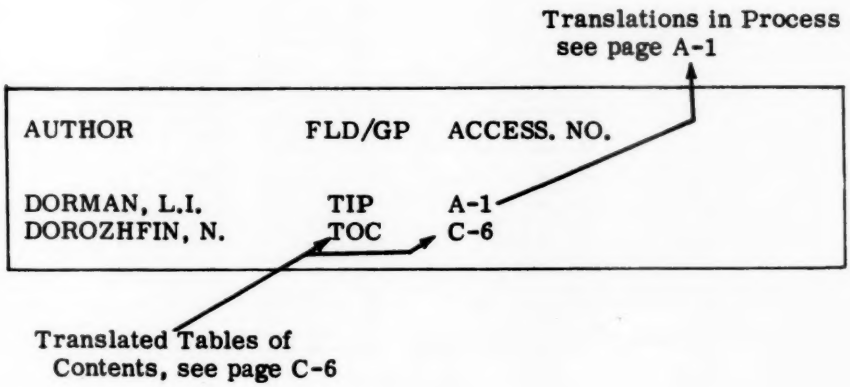

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FRISHMAN, R. L.	6E	TT-65-62962
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FUJII, H.	7C	TT-65-14513
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MARCHANU, A.	7D	TT-65-14417
MARCHENKO, B. N.	20G	TT-65-13980
MARIKYAN, G. A.	20C	TT-65-14653
MARKEVICH, N. N.	11C	NCH-202 745
MARKOV, V. O.	7D	NCH-202 695
MARKOVA, G. L.	TOC	B-5
MARKOVICH, A. V.	6M	TT-65-30346
MARKS, R.	2C	TT-65-14148
MARTIN, J. J.	7D	TT-65-14238
MARTYNOV, G. A.	7D	NCH-202 686
MARTYNOVA, L.	6H	NCH-200 522
MASEVICH, A. G.	8E	TT-65-14684
MASLENNIKOV, V. G.	1A	TT-65-14565
MASUY, J. M.	13H	NCH-202 654
MASYUKOV, V. V.	8G	NCH-202 696
MATALASOV, S. F.	13F	TT-65-14388
MATSUDA, K.	11I	NCH-202 689
MATVEEVSKII, R. M.	11D	TT-65-64455
MAZALOV, S. A.	7C	TT-65-14163

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MEDGYESI, G.	7C	TT-65-14174
MEDVEDEV, K. P.	6A	BT-65-13963
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MELNIK, B. D.	7C	TT-65-14164
MELNIK, M. N.	7A	TT-65-14296
MELOYAN, R.	6M	TT-65-31372
MENCIK, Z.	13H	NCH-202 668
MENG XIN-ZHEN	11I	TT-65-14652
MENTION, M.	20C	TT-65-14582
MERKA, P.	7A	TT-65-14235
MERKER, L.	13H	NCH-202 675
MERZ, W.	11B	TT-65-14530
MESTER, L.	7A	TT-65-14261
METHFESSEL, S.	6A	TT-65-13963
MEUNIER, G.	20L	NCH-202 708
MICHEL, R.	13H	NCH-202 653
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MILYUTIN, E. R.	11E	TT-65-14374
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MIYAMOTO, J.	11E	NCH-202 697
MOCZAR, E.	6M	NCH-201 873
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MOESKEN, K.	7A	TT-65-14118
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MORIKAWA, M.	11F	TT-65-14592
MORITA, SH.	11E	NCH-202 730
MOROZOV, A. P.	11F	NCH-202 671
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MOSKONA, A.	6P	TT-65-31365
MOVCHAN, A. A.	6A	TT-65-31960
MOVCHAN, A. I.	1A	TT-65-63739
MOVSESYAN, M. A.	1A	TT-65-63739
MUZMAIKINA, A. S.	8G	TT-65-14316
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MULFINGER, H. O.	11F	TT-65-14115
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NAUMANN, F. K.	11E	TT-65-14175
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NESMEYANOV, A. N.	7A	TT-65-14692
NESTEROV, P. G.	7C	TT-65-14273
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NIKULIN, M. V.	7C	TT-65-14286
NIKULINA, M. M.	20K	TT-65-14585
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ORESHKIN, P. T.	11B	NCH-202 646
ORLIK, M.	21D	TT-65-28315
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P'ENG CHIA-MU	6P	TT-65-31525
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PALO, V.	2A	TT-65-64102
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POLYAKOVA, A. M.	6M	TT-65-63606
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PTYSYN, O. B.	6A	TT-65-32020
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RADZIEVSKII, A. V.	TOC	B-6
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ROMANTSEVICH, M. K.	7A	TT-65-14695
ROSENBERG, B. A.	7C	TT-65-14184

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ROSTOTSKAYA, V. I.	6E	TT-65-63205
ROULET, H.	7D	TT-65-14244
ROULLEAU, M.	7D	TT-65-14339
ROZOV, S. I.	1A	TT-65-14565
ROZOVSKII, A. YA.	7D	TT-65-14681
RUBANIK, M. YA.	7D	TT-65-14237
RUD, YU. V.	11G	NCH-202 694
RUDAKOV, A. P.	7C	TT-65-14161
RUMYANTSEVA, E. I.	7C	NCH-202 738
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RYSAKOV, M. V.	7C	TT-65-14650
RYUTOV, D. G.	6H	TT-65-64103
SACHSOVA, H.	5K	TT-65-32675
SADOVSKII, V. D.	20L	TT-65-14524
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SAEGUSA, T.	7C	TT-65-14512
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SAFONOV, A. N.	20G	TT-65-13980
SAKOV, N. G.	6A	TT-65-63374
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SAMOILOVICH, D. M.	14E	TT-65-14620
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SAMOKHVALOVA, N. S.	6G	TT-65-32755
SAMSONOV, G. V.	11F	NCH-202 648
SAMSONOVA, V. S.	6M	TT-65-63066
SANIELEVICI, H.	7C	TT-65-14202
SANIN, P. I.	7C	NCH-202 729
SARKISYAN, S. G.	8G	TT-65-14316
SASAKI, T.	7C	TT-65-14504
SATO, M.	6M	NCH-201 873
SAUER, H.	11E	TT-65-14175
SAUER, K. H.	11F	NCH-202 663
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SAWADA, Y.	6M	NCH-201 873
SCHAEFER, H.	7D	TT-65-14216
SCHAPER, H.	13H	NCH-202 680
SCHEELE, W.	11J	TT-65-14171
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SCHEUERMANN, A.	2C	TT-65-14636
SCHLENK, W. JR.	7C	TT-65-14034
SCHMID, G.	7A	NCH-202 700
SCHMIDT, H. J.	7A	TT-65-14121
SCHMITZ-DUMONT, O.	7D	TT-65-14723
SCHNEIDER, R.	11E	TT-65-14191
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SCHWAMBERGER, E.	7D	TT-65-14469
SECHENOV, G. P.	7D	TT-65-14687
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SELEZOV, I. T.	20D	TT-65-63717
SELLING, H. J.	11E	TT-65-14188
SEMENENKO, K. N.	7C	TT-65-14506
SEMENOV, A. P.	11D	TT-65-64455
SENOO, T.	11E	NCH-202 697
SEVERIN, S. E.	6P	TT-65-32510
SHABAD, A. L.	6E	TT-65-63285
SHABLYGIN, M. V.	11E	TT-65-14374
SHAKHNABATYAN, G. N.	TOC	B-6
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SHALYGIN, V. A.	18J	TT-65-14260
SHAMINA, V. A.	20K	TT-65-62959
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SHARONOV, V. V.	3A	TT-65-64327
SHATALOV, V. P.	7C	TT-65-14691
SHATILOV, D. V.	13F	TT-65-14387
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SHCHEGOLEVA, O. P.	6H	TT-65-63760
SHCHEKINA, T. A.	6M	TT-65-63606
SHCHERBAKOVSKII, Z. S.	14E	TT-65-14625
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SHERWOOD, P. W.	21D	TT-65-14725
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SHMIDT, N. G.	8G	TT-65-64321
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SHNEIDER, A. D.	20L	NCH-202 741
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SIEDLEWSKI, J.	7D	TT-65-28303
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SIMON, I. S.	6P	TT-65-32259
SIMONOV, K. V.	11B	NCH-202 676
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SINGER, W.	11I	TT-65-14501
SINN, H.	7C	TT-65-14510
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SMILGA, V. P.	7D	NCH-202 686
SMIRNOVA, L. M.	6M	TT-65-63548
SMIRNOVA, M. F.	7D	TT-65-14683
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SMOLYANINOVA, YU. L.	7C	TT-65-14691
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SOBOLEVA, T. A.	7C	TT-65-14132
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SOBUE, H.	11I	TT-65-14482
SODNIK, M.	11E	TT-65-14573
SOEHNE, W.	2C	TT-65-14147
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SOKOLOV, B. V.	6M	TT-65-30346
SOKOLOV, I. I.	6C	TT-65-63997
SOKOLOV, S. V.	7C	TT-65-14163
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SOKOLOV, V. A.	8G	TT-65-14440
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SOLBRIG, C.	20L	TT-65-14162
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SOLOVIEV, V. I.	6M	TT-65-63760
SONOV, G. P.	6M	TT-65-63607
SOUDRY, R.	20N	TT-65-14311
SOUFFRIN, S.	3B	TT-65-14569
SPIRIDONOV, V. B.	TOC	B-16
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SPOHN, H.	13B	NCH-202 717
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STRAUB, F.	11B	TT-65-14408
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SUBBOTIN, V. I.	1B	TT-65-14518
SUROVAYA, A. I.	6A	TT-65-63758
SUVOROV, M. YA.	1B	TT-65-14518
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SZMYT, B.	5C	TT-65-28310
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TABATA, Y.	11I	TT-65-14482
TAGLANG, P.	20L	TT-65-14718
TAJIMA, Y.	11I	TT-65-14482
TAKAHASHI, T.	7D	TT-65-14728
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ECLOGAE GEOLOGICAE HELVETIAE
V54 N2 P283 1961 8G TT-65-14211
EINFUHRUNG IN DIE THEORIE DER ELEKTRONENOPTIK (2D) LEIPZIG
1957 SEL PG 20F TT-65-64439
EKONOMICHESKAYA GAZETA (USSR)
N2 P41 1965 9E TT-65-64192
EKSPERIMENTALNAYA KHIRURGIYA I ANESTEZIOLOGIYA (USSR)
V9 N3 P18 1964 6E TT-65-31355
ELECTROCHIMICA ACTA (U. S.)
V10 N6 P605 1965 7D TT-65-14139
ELEKTROWARME (WEST GERMANY)
V22 N9 P331 1964 7A NCH-202 713
ERDOEL UND KOHLE-ERDGAS-PETROCHEMIE (WEST GERMANY)
V15 N8 P619 1962 21D TT-65-14477
V17 N2 P74 1964 7C TT-65-14673
V17 N5 P367 1964 21D TT-65-14725
V17 N8 P609 1964 8I TT-65-14258
V18 N2 P127 1965 7A TT-65-14315
ETZ ELEKTROCTECHNISCHE ZEITSCHRIFT AUSGABE A. ZENTRALBLATT FUER ELEKTROTECHNIK (GERMANY)
V55 N30 P742 1934 10A TT-65-14298
V86 N12 P407 1965 11I TT-65-14271
FARBE (WEST GERMANY)
V9 P53 1960 11C TT-65-14570
FARBE UND LACK (WEST GERMANY)
V70 N4 P258 1964 11C TT-65-14644
FARMAKOLOGIYA I TOKSIKOLOGIYA (USSR)
V28 N3 P368 1965 6D TT-65-32428
FARMAKOLOGIYA KORONARNOGO KROVOOBRASHCHENIYA, MOSCOW
1963 6D TT-65-63965
FARMATSEVTYCHNYI ZHURNAL (USSR)
V20 N3 P76 1965 6D TT-65-32247
FASERFORSCHUNG UND TEXTILTECHNIK (WEST GERMANY)
V7 N10 P468 1956 11E TT-65-14175
FIZIKA METALLOV I METALLOVEDENIE (USSR)
V18 N4 P502 1964 20L TT-65-14524
V19 N5 P735 1965 11F NCH-202 645
FIZIOLOGICHESKII ZHURNAL SSSR
V45 N9 P1045 1959 6P NCH-200 188
V50 N6 P762 1964 6P TT-65-31365
FIZIOLOGICHNYI ZHURNAL (USSR)
V11 N3 P283 1965 6P TT-65-32256
FORSCHUNGSBERICHTE DES LANDES NORDRHEIN WESTFALEN (WEST GERMANY)
N973 P1 1961 11I TT-65-14507
FUNKTSII ORGANIZMA V USLOVIYAKH IZMENENNOI GAZOVOI SREDY (USSR)
V1 P118 1955 6P TT-65-63911
FUNTAI UYOBI FUMMATSU YAKIN (JAPAN)
V10 N1 P7 1963 20L TT-65-14392
GAZZETTA CHIMICA ITALIANA
V13 P378 1883 7C TT-65-14473
GENIE CHIMIQUE (FRANCE)
V84 N3 P89 1960 7A TT-65-14189
V84 P109 1960 7A TT-65-14224
GEOCHIMICA ET COSMOCHIMICA ACTA (GT. BRIT.)
V21 N3/4 P284 8G TT-65-14337
GEODEZJA WYZSZA, CZESC MATEMATYCZNA, WARSAW
1952 448P 8E TT-61-11311
GEOFISICA E METEOROLOGIA (ITALY)
V13 N5/6 P107 1964 3B TT-65-14576
GEOFIZ. JADROWA. PRACE ZJEZDZIE GEOFIZYKOW JADROW., KRAKOW, 1962
1963 P813 8M TT-65-28307
1963 P885 8G TT-65-28306
1963 P943 8G TT-65-28305
GEOLOGICHNYI ZHURNAL (USSR)
V18 N4 P61 1958 8N TT-65-64318
V18 N6 P70 1958 8G TT-65-64317
GEOLOGIYA I GEOFIZIKA (USSR)
N10 P104 1964 8G TT-65-14217
N10 P5 1963 8G TT-65-64309
N12 P109 1962 8E TT-65-64306
N9 P95 1964 8G TT-65-14218
GEOLOGIYA NEFTI I GAZA (USSR)
V8 N1 P41 1964 8G NCH-202 696
GEOPHYSICAL PROSPECTING (NETHERLANDS)
V12 N3 P258 1964 8K TT-65-14206
V12 N3 P283 1964 8G TT-65-14207
V12 N3 P308 1964 8K TT-65-14204
GIBBERALLIN I IKH DEISTVIE NA RASENIYA
1963 P275 6C NCH-202 200
GIESSEREI (WEST GERMANY)
V52 N7 P191 1965 11F NCH-202 664
GIGIENA I SANITARIYA (USSR)
V29 N4 P96 1964 13B TT-65-31363
GIGIENA TRUDA I PROFESSIONALNYE ZABOLEVANIYA (USSR)
V8 N2 P9 1964 6T TT-65-31418
V8 N9 P14 1964 6T TT-65-31405
V8 N9 P59 1964 6J TT-65-31406
GLASTECHNISCHE BERICHTE (WEST GERMANY)
V32 N10 P421 1959 11B TT-65-14530
V32 N3 P81 1959 11B TT-65-14525
V32 N4 P142 1959 11B TT-65-14526
V32 N7 P278 1959 11B TT-65-14527
V32 N8 P314 1959 11B TT-65-14528
V32 N9 P381 1959 11B TT-65-14529
V34 N3 P102 1961 11B TT-65-14460
V34 N3 P107 1961 11B TT-65-14461
V34 N5 P120 1961 11B TT-65-14412
V36 N7 P253 1963 11B TT-65-14408
GORKOVSKII GOSUDARSTVENNYI UNIVERSITET. UCHENYE ZAPISKI. SERIYA KHIMICHESKAYA (USSR)
N32 P169 1958 7C TT-65-14721
GOSUDARSTVENNYI MEDITSINSKII INSTITUT, NOVOSIBIRSK. TRUDY (USSR)
V29 P3 1957 6E TT-65-63146
GOSUDARSTVENNYI KOMITET PO ISPOLZOVANIYU ATOMNOI ENERGII. FIZIKO-TEKHNICHESKII INSTITUT, MOSCOW
1964 20I TT-65-14519
1965 18 TT-65-14518
GOSUDARSTVENNYI KOMITET PO ISPOLZOVANIYU ATOMNOI ENERGII. INSTITUT TEORETICHESKOI I EKSPERIMENTALNOI FIZIKI, MOSCOW
1964 REPT N310 20H TT-65-14520
GRASAS Y ACEITES (SPAIN)
V15 N5 P247 1964 7A TT-65-14579
GRUNDLAGEN DER LANDTECHNIK (WEST GERMANY)
N16 P9 1963 2C TT-65-14151
N17 P5 1963 2C TT-65-14196
N18 P27 1963 2C TT-65-14197
HANDBUCH DER PHYSIK. GEOPHYSIK (WEST GERMANY)
V48 P734 1957 8E TT-65-14114
HELVETICA CHIMICA ACTA (SWITZERLAND)
V45 N4 P1156 1962 11J TT-65-14470
HOC TAP (NORTH VIETNAM)
N6 P1 1965 TOC B-17
5D TT-65-31637
HOLZFORSCHUNG (WEST GERMANY)
V18 P381FF 1964 11L NCH-201 605
HUA HSUEH T'UNG PAO (CHINESE PEOPLE'S REPUBLIC)
N5 P284 1963 7D NCH-202 687
HUTNICKE LISTY (CZECHOSLOVAKIA)
V18 N10 P685 1963 11F TT-65-28313
V20 N2 P87 1965 13H NCH-202 674
HUTNIK (CZECHOSLOVAKIA)
V15 N3 P113 1965 13H NCH-202 675
INDUSTRIE ANZEIGER (WEST GERMANY)
V84 N61 P1530 1962 11F TT-65-14190
INDUSTRIE CHIMIQUE BELGE
V27 N8 P932 1962 7D TT-65-14117
INDUSTRIE TEXTILE (FRANCE)
V77 N884 P693 1960 11E TT-65-14183
INSTITUT PISHCHEVOI PROMYSHLENNOSTI, KRASNODAR. TRUDY
V19 P23 1958 6C TT-65-64098
INSTITUT TEXTILE DE FRANCE. BULLETIN
N78 P27 1958 11E TT-65-14191
INZHENERNYI ZHURNAL (USSR)
V5 N1 P104 1965 20K TT-65-14554
V5 N1 P16 1965 1A TT-65-14555
V5 N1 P189 1965 20K TT-65-14551
V5 N1 P29 1965 1A TT-65-14552
V5 N2 P203 1965 1A TT-65-14556
V5 N2 P254 1965 1A TT-65-14557
V5 N2 P382 1965 20K TT-65-14553
ISSLEDOVANIYA STRUKTURY I SVOISTV ZHAROPROCHNYKH SPLAVOV, MOSCOW
1964 N158 SEL PG TOC B-15
11F TT-65-30538
ITOGI NAUKI I TEKHNIKI, MOSCOW
1964 SEL PG 17B TT-65-64330
IZVESTIYA (USSR)
6 JUN P5 1965 6D TT-65-31527
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. CHERNAYA METALLURGIYA (USSR)
V8 N2 P106 1965 11F NCH-202 677
V8 N4 P164 1965 11F NCH-202 644
V8 N6 P178 1965 11B NCH-202 646
V8 N6 P27 1965 11F NCH-202 651
V8 N7 P20 1965 13H NCH-202 650
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. ELEKTROMEKHANIKA (USSR)
V7 N8 SEL PG 1964 TOC B-22
9C TT-65-30003
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. GEODEZIYA I AEROFOTOSEMKA (USSR)
N2 P97 1965 8E TT-65-64332
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. NEFT I GAZ (USSR)
V3 N2 P69 1960 8I TT-65-14629
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. STROITELSTVO I ARKHITEKTURA (USSR)
N1 P36 1963 11A NCH-202 742
IZVESTIYA VYSSHIKH UCHEBNYKH ZAVEDENII. TSVETNAYA METALLURGIYA (USSR)
V3 N2 P147 1960 11F TT-65-14577
JOINT INSTITUTE FOR NUCLEAR RESEARCH, DUBNA (USSR)
REPT-P-1853 24P 1964 20G TT-65-13980
1965 20H TT-65-14517
JOINT INSTITUTE FOR NUCLEAR RESEARCH, DUBNA. NEUTRON PHYSICS LABORATORY

JOURNAL	FLD/GP	ACCESS, NO.
1965	20H	TT-65-14474
JOURNAL DE CHIMIE PHYSIQUE (FRANCE)		
V59 N11 P1142 1962	7D	TT-65-14417
JUSTUS LIEBIGS ANNALEN DER CHEMIE (WEST GERMANY)		
V573 N2 P142 1951	7C	TT-65-14034
V652 P1 1962	7D	TT-65-14021
V654 P23 1962	7C	TT-65-14478
K'O HSUEH T'UNG PAO (CHINESE PEOPLE'S REPUBLIC)		
N5 SEL PG 1965	5A	TT-65-32060
KAGAKU TO KOGYO, TOKYO (JAPAN)		
V17 N12 P1344 1964	11C	NCH-202 683
KAMPF DEM LAERM (WEST GERMANY)		
N3 P1 1963	2C	TT-65-14636
KAUTSCHUK UND GUMMI (WEST GERMANY)		
V17 N10 P572 1964	11J	TT-65-14172
V17 N11 P629 1964	11J	TT-65-14219
V17 N9 P493 1964	11J	TT-65-14171
KEMIJA U INDUSTRIJI (YUGOSLAVIA)		
V13 N8 P617 1964	14E	NCH-202 685
KHIMICHESKAYA PROMYSHLENNOST (USSR)		
N4 P193 1956	7A	TT-65-14296
N4 P255 1965	7C	NCH-202 740
KHIMICHESKAYA NAUKA I PROMYSHLENNOST (USSR)		
V2 P663 1957	7C	TT-65-14132
KHIMICHESKIE VOLOKNA (USSR)		
N6 P41 1964	11E	TT-65-14374
KHIMIYA I TEKHNOLOGIYA TOPLIV I MASEL (USSR)		
V9 N9 P26 1964	7C	TT-65-14286
KHOLODILNAYA TEKHNIKA (USSR)		
N4 P10 1964	6H	TT-65-64103
KINETIKA I KATALIZ (USSR)		
V5 N1 P195 1964	7D	TT-65-14726
V5 N4 P609 1964	7D	TT-65-14681
KLINICHESKAYA MEDITSINA (USSR)		
V20 N10 P59 1942	6E	TT-65-62962
V43 N7 P5 1965	6E	TT-65-32540
KOBUNSHI KAGAKU (JAPAN)		
V17 N182 P359 1960	11I	TT-65-14487
KOGYO KAGAKU ZASSHI (JAPAN)		
V50 N10 P138 1947	7C	NCH-202 698
V57 N12 P932 1954	7C	TT-65-14503
V59 N10 P1132 1956	7C	TT-65-14504
V61 N1 P106 1958	11I	TT-65-14482
V62 N1 P89 1959	7C	TT-65-14247
V62 N1 P91 1959	7C	TT-65-14248
V63 N4 P665 1960	11I	TT-65-14157
V65 N12 P1911 1962	7B	TT-65-14252
V65 N12 P1916 1962	7B	TT-65-14253
V65 N5 P643 1962	7C	TT-65-14511
V65 N5 P649 1962	7C	TT-65-14512
V65 N5 P691 1962	7C	TT-65-14508
V65 N5 P695 1962	7C	TT-65-14513
V65 N5 P699 1962	7C	TT-65-14514
V65 N5 P712 1962	7C	TT-65-14515
V68 N1 P174 1965	11F	TT-65-14166
V68 N2 P383 1965	7C	TT-65-14167
V68 N3 P574 1965	7D	TT-65-14168
V68 N5 P904 1965	7A	NCH-202 723
KOKS I KHIMIYA (USSR)		
N6 P13 1959	21D	TT-65-28492
KOLLOID-ZEITSCHRIFT UND ZEITSCHRIFT FUER POLYMERE (WEST GERMANY)		
V182 N1/2 P140 1962	7D	TT-65-14476
KOLLOIDNYI ZHURNAL (USSR)		
V27 N2 P250 1965	7D	NCH-202 686
KOMSOMOLSKAYA PRAVDA (USSR)		
9 OCT P3 1962	0D	TT-65-64196
KOORDINATSIYA PROIZVOLNYKH DVIZHENII CHELOVEKA V USLOVIYAKH KOSMICHESKOGO POLETA, MOSCOW		
1965 111P	6S	TT-65-63967
KORROSION (WEST GERMANY)		
N16 P85 1963	11F	TT-65-14722
KOSMICHESKIE ISSLEDOVANIYA (USSR)		
V3 N3 P359 1965	13C	TT-65-14442
V3 N3 P374 1965	3B	TT-65-14441
KRASNAYA ZVEZDA (USSR)		
3 JUL P6 1965	6C	TT-65-32448
KUIBYSHEVSKII INDUSTRIALNYI INSTITUT. SBORNIK NAUCHNYKH TRUDOV (USSR)		
V6 P287 1956	8D	TT-65-14647
KUZNECHNO-SHTAMPOVOCHNOE PROIZVODSTVO (USSR)		
V7 N2 P24 1965	13H	NCH-202 665
LABORATORNOE DELO (USSR)		
N5 P318 1965	6M	TT-65-31372
LAKOKRASOCHNYE MATERIALY I IKH PRIMENENIE (USSR)		
N1 P23 1961	11I	TT-65-14664
LANDBOUWDOCUMENTATIE (NETHERLANDS)		
V20 N15 P516 1964	2C	TT-65-14698
LANDTECHNIK (WEST GERMANY)		
V19 N19 P704 1964	2C	TT-65-14399
V19 N19 P708 1964	2C	TT-65-14155
LANDTECHNISCHE FORSCHUNG (WEST GERMANY)		
V12 N5 P125 1962	2C	TT-65-14148
V13 N5 P142 1963	2C	TT-65-14150
V3 N1 P1 1953	2C	TT-65-14146
V4 N3 P79 1954	2C	TT-65-14147
V8 N4 P95 1958	2C	TT-65-14149
LATVIJAS PADOMJU SOCIALISTISKAS REPUBLIKAS ZINATNU AKADEMIJA. VESTIS. KEMIJAS SERIJA (SSR)		
N3 P387 1962	11F	TT-65-14686
LENINGRAD UNIV. VESTNIK (USSR)		
V14 N22 P136 1959	7C	NCH-202 733
V18 N13 1963	TOC	B-3
	12A	TT-65-64497
V18 N3 P1 1963	TOC	B-3
	12A	TT-65-64497
V20 N2 1965	1A	TT-65-14566
V20 N7 P118 1965	1A	TT-65-14566
LENINGRADSKII INSTITUT FARMATSEVCHESKII. SBORNIK NAUCHNYKH TRUDOV		
V2 P38 1957	6D	NCH-200 275
LENINGRADSKOE OBSHCHESTVO ESTESTVOISPYTATELEI. TRUDY (USSR)		
V72 N4 P124 1954	6C	TT-65-63997
LODZ POLITECHNIKA. ZESZYTY NAUKOWE. WLOKIENNICTWO (POLAND)		
N9 P5 1962	11E	TT-65-14628
MAGNITOE POLE AKARATSKOI KOTLOVINI ARMYANSKOI S. S. S. R. EREVAN		
1960 P70	8N	TT-65-64328
MAGYAR KEMIKUSOK LAPJA (HUNGARY)		
V17 N3 P140 1962	21D	TT-65-14486
MAKROMOLEKULARE CHEMIE (SWITZERLAND)		
V24 N2 P141 1957	11I	TT-65-14186
V57 P105 1962	7C	TT-65-14510
MASLOBOINO-ZHIROVAYA PROMYSHLENNOST (USSR)		
V24 N3 P22 1958	7C	TT-65-14194
MATERIALY GEOFIZIKA		
V1 P1	8N	TT-65-64324
MEDITSINAKAYA GAZETA (USSR)		
V28 P2 1965	6Q	TT-65-63335
V28 SEL PG 1965	5A	TT-65-31240
MEDITSINSKAYA PROMYSHLENNOST SSSR		
V19 N4 SEL PG 1965	6P	TT-65-32259
V19 N5 P58 1965	6P	TT-65-32260
MEDIZINISCHE KLINIK (WEST GERMANY)		
V60 N21 P847 1965	6Q	NCH-202 445
MEDYCYNA PRACY (POLAND)		
V14 N5 P407 1963	6J	NCH-202 331
MEKHANIZATSIYA I ELEKTRIFIKATSIYA SOTSIALISTICHESKOGO SELSKOGO KHOZYAISTVA (USSR)		
V21 N3 P49 1963	2C	TT-65-14289
MELLIAND TEXTILBERICHTE (WEST GERMANY)		
V38 N11 P1269 1957	11E	TT-65-14188
V40 N1 P27 1959	11E	TT-65-14177
V46 N1 P67 1965	11E	TT-65-14573
METALLOVEDENIE I TERMICHESKAYA OBRABOTKA METALLOV (USSR)		
N11 P2 1964	TOC	B-16
	11F	TT-65-30472
N4 P51 1965	11F	NCH-202 647
METALLURG (USSR)		
V10 N2 P19 1965	13H	NCH-202 652
METALLURGICHESKAYA I GORNORUDNAYA PROMYSHLENNOST (USSR)		
N4(28) SEL PG 1964	TOC	B-21
MEZHDUNARODNYI GEOLOGICHESKII KONGRESS (NO. 17)		
V4 P431 1948	8N	TT-65-64319
MOSCOW U. VESTNIK. SERIYA 3 FIZIKA, ASTRONOMIYA (USSR)		
V20 N3 P36 1965	22C	TT-65-14429
MOSCOW U. VESTNIK. SERIYA 1 MATEMATIKA I MEKHANIKA (USSR)		
N1 P76 1965	20K	TT-65-14562
N1 P88 1965	20K	TT-65-14537
N3 P77 1965	20K	TT-65-14564
N3 P83 1965	20K	TT-65-14563
MOSCOW UNIV. VESTNIK. SERIYA 3 FIZIKA, ASTRONOMIYA (USSR)		
V15 N5 P81 1960	8J	TT-65-64335
MOSKOVSKOE OBSHCHESTVO ISPYTATELEI PRIRODY. BYULLETEN OTDEL GEOLOGICHESKII (USSR)		
V40(70) N2 P121 1965	8G	NCH-202 699
MTZ MOTORTECHNISCHE ZEITSCHRIFT (WEST GERMANY)		
V25 N7 P289 1964	21G	TT-65-14182
MYASNAYA INDUSTRIYA SSSR		
V35 N4 P43 1964	6H	NCH-200 522
V36 N2 P56 1965	6H	NCH-202 305
NAGOYA KOGYO GIJUTSU SHIKENSHO HOKOKU (JAPAN)		
V3 N3 P96 1954	7A	TT-65-14700
V4 N1 P24 1955	7B	TT-65-14391
NAUCHNO-ISSLEDOVATELSKII INSTITUT GEOLOGII ARKTIKI. TRUDY (USSR)		
V98 N1 P63 1959	8G	TT-65-14291
NAUKA I TEKHNIKA (LATVIAN SSR)		
N6 P3 1965	6D	TT-65-32446
NAUKA I ZHIZN (USSR)		
V31 N9 P16 1964	6S	TT-65-63901
NAUNYN-SCHMIEDEBERGS ARCHIV FUR EXPERIMENTELLE PATHOLOGIE UND PHARMAKOLOGIE (WEST GERMANY)		
V92 N1 P2 1922	6D	TT-65-62746
NEFTEKHIMIYA (USSR)		
V3 N5 P635 1963	7C	TT-65-14680
V3 N5 P719 1963	7C	TT-65-14650
V4 N3 P399 1964	7C	TT-65-14679
V5 N3 P388 1965	7C	NCH-202 721
V5 N3 P406 1965	7C	NCH-202 729
NEFTI SEVERNOGO KAVKAZA, MOSCOW		
1963 336P	11H	TT-65-64452
NEFTYANOI KONFERENTSIYA, N. P., 1938. TRUDY		
1939 P179	8G	TT-65-64320
NEUES JAHRBUCH FUER MINERALOGIE. ABHANDLUNGEN (WEST GERMANY)		
V103 N1 P31 1965	8G	TT-65-14645
NIHON KAGAKU ZASSHI (JAPAN)		
V76 N3 P274 1955	6M	NCH-201 873
NIHON KIKAI GAKKAI-SHI (JAPAN)		
V63 N502 P1474 1960	11	TT-65-14407
NIHON NOGEI KAGAKKAI SHI (JAPAN)		
V37 P611 1963	6C	TT-65-63462
NIWELACJA GEOMETRYCZNA, WARSZAWA		
1954 406P	8E	TT-61-11319
OBOGASHCHENIE RUD (USSR)		
V5 N1 P29 1960	7A	TT-65-27839
OCHRONA PRACY (POLAND)		
N4 P7	5E	TT-65-28297
OFFICE NATIONAL D'ETUDES ET DE RECHERCHES AEROSPATIALES (FRANCE)		
1965 TT-217	1A	TT-65-14406
OGNEUPORY (USSR)		
V30 N4 P1 1965	11B	NCH-202 676
V30 N4 P28 1965	11F	NCH-202 648
OPTICA ACTA (GT. BRIT.)		
V11 N3 P223 1964	14E	TT-65-14602
ORTOPEDIYA, TRAVMATOLOGIYA I PROTEZIROVANIE (USSR)		
V23 P16 1962	6C	TT-65-63738
PALIVA (CZECHOSLOVAKIA)		
V44 N3 P75 1964	21D	TT-65-28315
PAMYATI AKADEMIKA I. M.		

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GUBKINA		
1951 P212	8G	TT-65-14440
PAPIER (WEST GERMANY)		
V19 N3 P93 1965	11L	TT-65-14341
V19 N3 P97 1965	11L	TT-65-14580
V2 N15/16 P265 1948	11L	TT-65-14509
V6 N5/6 P75 1952	11L	TT-65-14594
V6 N7/8 P115 1952	11L	TT-65-14594
V6 N9/10 P169 1952	11L	TT-65-14594
PATENT (BELGIUM)		
600 554	11I	TT-65-14472
604 881	11I	TT-65-14475
606 222	11I	TT-65-14499
606 711	11C	TT-65-14496
606 712	11C	TT-65-14497
610 223	7C	TT-65-14495
612 901	7C	TT-65-14466
617 913	7C	TT-65-14516
643 575	13H	TT-65-14107
643 649	7A	TT-65-14160
644 090	11I	TT-65-14236
644 588	11E	TT-65-14108
646 151	11C	TT-65-14112
646 975	11E	TT-65-14318
PATENT (FRANCE)		
1 175 661	7C	TT-65-14251
1 261 831	11B	TT-65-14464
1 293 373	21D	TT-65-14489
1 299 089	11I	TT-65-14111
1 335 166	11I	TT-65-14533
1 362 622	7A	TT-65-14137
1 377 276	7A	TT-65-14235
1 385 124	7A	TT-65-14377
1 390 487	11E	TT-65-14159
PATENT (GERMANY)		
1 068 440	11B	TT-65-14463
1 110 873	11I	TT-65-14501
1 113 088	11I	TT-65-14502
1 114 008	11B	TT-65-14462
1 154 081	7A	TT-65-14261
1 186 540	9C	TT-65-14100
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ATS-01S88R	7C	NCH-202 733
ATS-02S87G	20A	NCH-202 715
ATS-03S86G	8Q	NCH-202 445
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CNRS-H/X-55	11F	TT-65-28313
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JPRS-32016	6P	TT-65-32510
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NASA-TT-F-9340	6D	TT-65-62746
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PRICE LIST

CFSTI ORDER NO.	FLD/GP	HC - PRICE	MF
AD-619 401	6E	$1.00	$0.50
AD-619 402	6M	$1.00	$0.50
AD-619 405	6E	$1.00	$0.50
AD-619 406	6M	$1.00	$0.50
AD-619 423	6E	$1.00	$0.50
AD-619 546	6R	$1.00	$0.50
AD-619 565	6T	$1.00	$0.50
AD-619 886	6E	$1.00	$0.50
AD-619 890	6E	$1.00	$0.50
AD-620 099	6Q	$1.00	$0.50
AD-620 134	6E	$1.00	$0.50
AD-620 498	6M	$1.00	$0.50
AD-620 500	6M	$1.00	$0.50
AD-620 501	6M	$1.00	$0.50
AD-620 503	6E	$1.00	$0.50
AD-620 788	6Q	$1.00	$0.50
AD-620 810	6S	$1.00	$0.50
AD-620 947	6S	$1.00	$0.50
AD-620 949	6S	$1.00	$0.50
AD-620 967	6R	$1.00	$0.50
AD-620 970	6P	$3.00	$0.75
AD-621 255	6C	$1.00	$0.50
AD-622 350	6E	$1.00	$0.50
AD-622 456	5I	$1.00	$0.50
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AD-622 467	9E	$1.00	$0.50
AD-622 473	6D	$1.00	$0.50
AD-622 475	6A	$1.00	$0.50
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AD-623 427	8N	$1.00	$0.50
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AD-623 439	3A	$1.00	$0.50
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TT-65-30389	5A	$3.00	$0.75
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TT-65-32020	6A	$1.00	$0.50
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TT-65-64099	6C	$1.60	$0.50
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TT-65-64103	6H	$1.60	$0.50
TT-65-64322	8N	$1.00	$0.50

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AC
A. Capelo
P. O. Box 46354
Hollywood, California 90046

AGI
AGI Translations Office
American Geological Institute
1444 N Street, N. W.
Washington, D. C. 20005

AGS
American Geographical Society
Broadway at 156th Street
New York, New York 10032

AGU
American Geophysical Union
Suite 506, 1145 19th Street, N. W.
Washington, D. C. 20036

AIAA
American Institute of Aeronautics and Astronautics
500 FifthAvenue
New York, New York 10036

AIBS
American Institute of Biological Sciences
2000 P Street, N. W.
Washington, D. C. 20006

AIP
American Institute of Physics
335 East 45th Street
New York, New York 10017

AIS
ArgusInformation Service
624 N. Eutaw Street
Baltimore, Maryland 21201

AM
Acta Metallurgica
122 East 55thStreet
New York, New York 10022

AMS
American Mathematical Society
P. O. Box 6248
Providence,Rhode Island 02906

ANSP
Academy of Natural Sciences of Philadelphia
19th St. and The Parkway
Philadelphia, Pennsylvania 19103

API
Academic Press, Inc.
111 Fifth Avenue
New York, New York 10003

ARS
American Rocket Society, Inc.
20th and Northampton Streets
Easton, Pennsylvania 18042

ATS
Associated Technical Services, Inc.
P. O. Box271
East Orange, New Jersey 07017

BGIRA
British Glass Industry Research Association
Northumberland Road
Sheffield 10, England

BIHR
Circulation Manager
Translations of the Beltone Institute for Hearing Research
2900 West 36th Street
Chicago, Illinois 60632

BISI
British Iron and Steel Industry Translation Service
The Iron and Steel Institute
4, Grosvenor Gardens
London, S. W. 1, England

BWRA
British Welding Research Association
Abington Hall, Abington
Cambridge, England

C/CA
Cement and Concrete Association
52 Grosvenor Gardens
London, S. W. 1, England

CB
Consultants Bureau Enterprises, Inc.
227 West 17th Street
New York, New York 10011

CBT
Centre Belge de Traductions Bibliotheque Royale
4 Boulevard de l'Empereur
Brussels, Belgium

CCT
Consultants Custom Translations Inc.
227 West 17th Street
New York, New York 10011

CFSTI
Clearinghouse for Federal Scientific and Technical Information
Port Royal and Braddock Roads
Springfield, Virginia 22151
(Also available through Department of Commerce Field Offices)

CHP
Cleaver-Hume Press, Ltd.
31, Wright's Lane
London, W. 8, England

CID
Centro de Informacion y Documentacion,
Patronato Juan de la Cierva,
Serrano 150, Apartado 743
Madrid 6, Spain

CIDNT
Centralny Instytut Dokumentacji Naukowo-Technicznej
Warszawa 12
Aleja Niepodleglosci 188
Poland

CNP
Comitato Nazionale per la Produttivita
Service d'Information
Viale Regina Margherita N. 83D
Rome, Italy

CNRS
Centre National de la Recherche Scientifique
Centre de Documentation
15 Quai Anatole France
Paris 7, France

CSIR
Council for Scientific and Industrial Research
The Head
Information Division
P. O. Box 395
Pretoria, Republic of South Africa

CSIRO
Commonwealth Scientific and Industrial Research Organization
Information Service
314 Albert Street
East Melbourne C. 2, Victoria
Australia

CTRA
The Librarian
The Coal Tar Research Association
Oxford Road
Gomersal, Leeds, England

CTS (Chem)
Chemical Translating Service
2243 Greer Road
Palo Alto, California 94300

CTT
Columbia Technical Translations
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DI
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DTC
Danish Translations Centre,
c/o Library of the Danish Atomic
Energy Commission,
Riso, Roskilde, Denmark

EIS
Engineering Information Services
Kirkham, Preston, Lancashire,
England

ES
Erica Stux
584 Moreley Avanue
Akron, Ohio 44320

ETC
European Translations Centre
Doelenstraat 101, Delft,
The Netherlands

ETH
Eidgenossische Technische
Hochschule
Zurich. Switzerland

ETHB
Eidgenossische Technische
Hochschulbibliotek
Leonhardstrasse 33
Zurich, Switzerland

EURO-T. S.
Euro-Translation Service
20 Rue Europe
Grivegnee (Liege), Belgium

FASEB
Federation of American Societies
for ExperimentalBiology
9650 Wisconsin Avenue
Washington, D. C. 20014

FRI
Fulmer Research Institute, Ltd.
Stoke Poges,
Buckinghamshire, England

FS
Direzione Generale
Azienda Autonoma delle Ferrovie
dello Stato
Centro di Documentazione
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Rome, Italy

FT
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GB
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GPO
Superintendent of Documents
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GPRC
Geophysical and Polar Research Center
6021 S. Highland Road
Madison, Wisconsin 53706

HB
Henry Brutcher
P. O. Box 157
Altadena, California 91001

HMSO
Her Majesty's Stationery Office
P. O. B. 569
London, S. E. 1, England

HTCBN
Hungarian Trading Company for Books
and Newspapers "Kultura"
Budapest 62, P. O. Box 149

ICE
International Chemical Engineering
345 East 47th Street
New York, New York 10017

IEEE
Institute of Electrical and
Electronics Engineers
275 Madison Avenue
New York, New York 10016

IICH
International Information Clearing
House
615 Linwood Drive
Midland, Michigan 48642

INFOSERV
Infoserv
P. O. Box 217
West Hartford, Connecticut06097

INT
International Patent Service N. V.
3 Pondsmeade
Redbourne Hertfordshire
England

IP
Interscience Publishers, Inc.
250 Fifth Avenue
New York, New York 10001

IPST
Israel Program for Scientific
Translation
Kiryat Moshe
P. O. Box 7145
Jerusalem, Israel

ISA
Instrument Society of America
530 William Penn Place
Pittsburgh, Pennsylvania 15219

JBS
John B. Southard
100 E. Palisade Avenue Apt. B31
Englewood, New Jersey

K-H
Kresge-Hooker Science Library
Associates
Wayne State University
Detroit, Michigan 48202

LAND-AIR
Land-Air, Inc.
Pacific Missile Range
Point Mugu, California 95468

LC
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Publication Board Project
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Washington, D. C. 20540

LNEC
Laboratorio Nacional de
Engenharia Civil
Ministerio das Obras Publicas
Avenida do Brasil
Lisbon 5, Portugal

LS
Lingua Scientiae
Box 21086 Campus Station
Cincinnati, Ohio 45221

LSA
Literature Service Associates
Route 1
Bound Brook, New Jersey 08805

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Maclaren and Sons, Ltd.
Maclaren House
131 Great Suffolk Street
London, S. E. 1, England

MACM
Macmillan Co.
60 Fifth Avenue
New York, New ork 10011

MDF
Morris D. Friedman
7553 Waterford Drive
San Jose, California 95129

MFA/TS
Metal Finishing Abstracts Translation
Services
85 Udney Park Road
Teddington, Middlesex, England

MPIK
Max-Planck-Institut fur
Kohlenforschung
Bibliothek der Abteilung
Strahlenchemie Stiftstrasse 34-36
433 Mulheim and der Ruhr,
West Germany

MT
M. de O. Tollemache
Pennyford Cottage,
Burrington,
Umberleigh, Devon, England

MUL
Mulholland Engineering
Translations
26 Burton Woods Lane
Cincinnati, Ohio 45229

NASA
National Aeronautics and Space Administration
1520 H Street, N. W.
Washington, D. C. 20546

NIAE
National Institute of Agricultural Engineering
Wrest Park, Silsoe
Bedford, England

NLL
National Lending Library for Science and Technology
Boston Spa, Yorkshire, England

NRC
National Research Council, Library
Ottawa 2, Canada

OB
Oliver and Boyd, Ltd.
Tweeddale Court
14 High Street
Edinburgh 1, Scotland

OSA
Optical Society of America, Inc.
33 University Road
Cambridge, Massachusetts 02138

PANSDOC
Pakistan National Scientific and Technical Documentation Centre
2/141-S
P.E.C.H.S.
Karachi 29, Pakistan

PERA
The Information Manager
Production Engineering Research Association
Melton Mowbray
Leicestershire, England

PLP
Plenum Press, Inc.
227 West 17th Street
New York, New York 10011

PP
Pergamon Press
44-01 21st Street
Long Island City, New York
11100

PS
Primary Sources
11 Bleecker Street
New York, New York 10012

RIA
Research International Associates
1522 Connecticut Avenue, N. W.
Washington, D. C. 20006

RIS
Research Information Service
Div. of Maxwell Scientific International, Inc.
44-01 21st Street
Long Island City, New York 11100

SA
Seizaburo Aoki
Japanese Language Translation Service
15/2027 Chogo
Fujisawa, Japan

SIAM
Business Manager
SIAM Publications
Box 7541
Philadelphia, Pennsylvania 19100

SIC
Scientific Information Consultants Limited
661 Finchley Road
London N. W. 2, England

SLA
SLA Translations Center
The John Crerar Library
35 West 33rd Street
Chicago, Illinois 60616

SSSA
Soil Science Society of America, Inc.
Program Director, Soviet Soil Science
677 South Segoe Road
Madison, Wisconsin 53711

ST
Scripta Technica, Inc.
1000 Vermont Avenue, N. W.
Washington, D. C. 20005

STC
Swedish Translation Centre
Kungliga Tekniske Hogskolans Bibliotek
Stockholm, Sweden

STS
Scientific Translation Service
1938 Verdugo Knolls Drive
Glendale, California 91200

STT
SCIENTECH, Scientific and Technical Translations
P. O. Box 3530
Cleveland, Ohio 44118

TC
Trans-Chem
Chemical Translation Service
1216 Oakdale, S. E.
Knoxville, Tennessee 37914

TDL
Mr. John Wiley
Technical Development Laboratories
P. O. Box 769
Savannah, Georgia 31400

TF
Taylor and Francis Ltd.
Red Lion Court, Fleet Street
London, E.C. 4, England

TIB
Technische Informationsbibliothek
Am Welfengarten 1,
Hannover, West Germany

TIC
Technical Information Company
Patents Department
Chancery House
Chancery Lane
London, W.C. 2, England

TP
Taurus Press, Inc.
207 East 37th Street
New York, New York 10016

TTIS
Translation and Technical Information Services
42 Grays Inn Road
London, W. C. 1, England

UBO
Royal University Library
Drammensveien 42B
Oslo, Norway

WBI
Warren Birkenhead, Inc.
901 Northern Life Tower
Seattle, Washington 98101
or
No 25, 2-Chome, Shiba Hamamatsu-Cho
Minato-Ku, Tokyo, Japan

WFK
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